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8	7	6	5	4	3	2	1		
						REV. A	SIZE D	CODE TC	NUMBER MCA25-0-1
D C B A									
DOCUMENT NUMBER REV DESCRIPTION D-TC-MCA25-0-1 A MCA25 FIELD MAINT. PRINT SET (TC) D-MU-KL10-PW-CPU A MODULE UTILIZATION D-SP-KL10-PW-2 A OPTION/SERIAL NUMBER CHART OPTION MODULES (C.S.) DOCUMENT NUMBER REV DESCRIPTION D-DD-M852-0 A CACHE DIRECTORY E-UA-M852-0-0 A CACHE DIRECTORY D-CS-M852-0-CHA1 A CACHE DIRECTORY D-CS-M852-0-CHA2 A CACHE DIRECTORY D-CS-M852-0-CHA3 A CACHE DIRECTORY D-CS-M852-0-RES A CACHE DIRECTORY D-DD-M853-0 A CACHE EXTENSION D-UA-M853-0-0 A CACHE EXTENSION D-CS-M853-CHX1 A CACHE EXTENSION D-CS-M853-CHX2 A CACHE EXTENSION D-CS-M853-CHX3 A CACHE EXTENSION D-CS-M853-CHX4 A CACHE EXTENSION D-CS-M853-CHX5 A CACHE EXTENSION D-CS-M853-RES A CACHE EXTENSION D-DD-M854-0 A PHYSICAL MEM ADR D-UA-M854-0-0 A PHYSICAL MEM ADR D-CS-M854-0-PMA1 A PHYSICAL MEM ADR D-CS-M854-0-PMA2 A PHYSICAL MEM ADR D-CS-M854-0-PMA3 A PHYSICAL MEM ADR D-CS-M854-0-PMA4 A PHYSICAL MEM ADR D-CS-M854-0-PMA5 A PHYSICAL MEM ADR D-CS-M854-0-PMA6 A PHYSICAL MEM ADR D-CS-M854-0-RES A PHYSICAL MEM ADR									
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8	7	6	5	4	3	2	1		

8	7	6	5	4	3	2	1		
						REV. A	SIZE D	CODE TC	NUMBER MCA25-0-1
OPTION MODULES (C.S.) CONTINUED									
DOCUMENT NUMBER REV DESCRIPTION									
D-DD-M855-0 A PAGING BOARD SHEET 1									
E-LIA-M855-0-0 A1 PAGING BOARD (MULTIWIRE)									
D-CS-M855-0-PAG1 A1 PAGING BOARD									
D-CS-M855-0-PAG2 A1 PAGING BOARD									
D-CS-M855-0-PAG3 A1 PAGING BOARD									
D-CS-M855-0-PAG4 A1 PAGING BOARD									
D-CS-M855-0-PAG5 A1 PAGING BOARD									
D-CS-M855-0-PAG6 A1 PAGING BOARD									
D-CS-M855-0-PAG7 A1 PAGING BOARD									
D-CS-M855-0-PAG8 A1 PAGING BOARD									
D-CS-M855-0-PAG9 A1 PAGING BOARD									
D-CS-M855-0-PAGA A1 PAGING BOARD									
D-CS-M855-0-PAGB A1 PAGING BOARD									
D-CS-M855-0-RES A1 PAGING BOARD									
D-DD-M855-0 A PAGING BOARD SHEET 2									
D-LIA-M855-0-0 B PAGING BOARD (ETCH)									
D-CS-M855-0-PAG1 B PAGING BOARD									
D-CS-M855-0-PAG2 B PAGING BOARD									
D-CS-M855-0-PAG3 B PAGING BOARD									
D-CS-M855-0-PAG4 B PAGING BOARD									
D-CS-M855-0-PAG5 B PAGING BOARD									
D-CS-M855-0-PAG6 B PAGING BOARD									
D-CS-M855-0-PAG7 B PAGING BOARD									
D-CS-M855-0-PAG8 B PAGING BOARD									
D-CS-M855-0-PAG9 B PAGING BOARD									
D-CS-M855-0-PAGA B PAGING BOARD									
D-CS-M855-0-PAGB B PAGING BOARD									
D-CS-M855-0-RES B PAGING BOARD									
D-DD-M856-0 A CACHE DATA									
D-LIA-M856-0-0 A CACHE DATA									
D-CS-M856-0-CHD1 A CACHE DATA									
D-CS-M856-0-CHD2 A CACHE DATA									
D-CS-M856-0-CHD3 A CACHE DATA									
D-CS-M856-0-CHD4 A CACHE DATA									
D-CS-M856-0-CHD5 A CACHE DATA									
D-CS-M856-0-CHD6 A CACHE DATA									
D-CS-M856-0-CHD7 A CACHE DATA									
D-CS-M856-0-CHD8 A CACHE DATA									
D-CS-M856-0-RES A CACHE DATA									
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REVISIONS									
CHK CHANGE NO. REV									
digital									
DATE 26-JUL-84 ENG. C. A. JENS									
DATE 26-JUL-84 BOARD LOCATION: N/A									
DATE 26-JUL-84 SHEET 3 OF 4									
DATE 26-JUL-84 15:42 NEXT HIGHER ASSEMBLY:									
DATE 26-JUL-84 15:42 FIRST USED ON OPTION/MODEL: MCA25 KL10-PW									
SIZE D CODE TC NUMBER MCA25-0-1 REV. A									
TITLE: MCA25 CACHE PAGER									
MR									

8	7	6	5	4	3	2	1			
							SIZE D	CODE TC	NUMBER MCA25-0-1	REV. A
OPTION MODULES (C.5) CONTINUED										

DOCUMENT NUMBER REV DESCRIPTION										

D-DD-M857-0 A MBC MBOX CONTROL										
D-LIA-M857-0-0 A MBC MBOX CONTROL										
D-CS-M857-0-MBC1 A MBC MBOX CONTROL										
D-CS-M857-0-MBC2 A MBC MBOX CONTROL										
D-CS-M857-0-MBC3 A MBC MBOX CONTROL										
D-CS-M857-0-MBC4 A MBC MBOX CONTROL										
D-CS-M857-0-MBC5 A MBC MBOX CONTROL										
D-CS-M857-0-MBC6 A MBC MBOX CONTROL										
D-CS-M857-0-RES A MBC MBOX CONTROL										

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REVISIONS										
CHK CHANGE NO. REV										
digital DSK: MCA25.TP1(4,21) 26-JUL-84 15:42 G. ALSTON DATE 26-JUL-84 ENG. C. A. JENS DATE 26-JUL-84 TITLE: MCA25 CACHE PAGER										
FIRST USED ON OPTION/MODEL: MCA25 KL10-PW SIZE CODE NUMBER REV.										
D TC MCA25-0-1 A										
MR										

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-SEE NOTES 1 2 3 6 7 9

	F	E	D	C	B	A
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SEE NOTE 4 & 5 & 8

REF. PIN SIDE
*REFERENCE LOCATION CHART FOR CACHE OPTIONS. MCA25 OPTION SHOWN ABOVE IN KL10-PW

KLIO-PV CPU 2		
CACHE OPTION LOCATION (HART)		
SLOT	KLIO-PV W/MCA20	KLIO-PW W/MCA25
17	M8521	M856
19	M8521	M856
22	M8531-YA	M857
24	M8521	M856
25	M8521	M856
27	M8514	M852
28	M8515	M853
29	M8518 YA	M854
30	M8520 YA	M855
(KLIO-PV REF)		(KLIO-PW REF)

NOTES:

1. SLOT 2 & 3 (S00C) DC20C CABLES FROM INTERNAL MEMORY, OR DMA20 OR EMPTY
 2. SLOT 1 (E AND C00S) DC11A & DC20C CABLES FROM RTE
 3. X BUS CABLE BOARD (ITEM #54 OF MF20 UNIT ASSY) IS PLUGGED INTO SLOT 2 OF KL10-PW LOGIC ASSY.
 4. INSTALL 2 M8500 MODULES (ITEM #41 OF MF20 UNIT ASSY) INTO SLOTS 7 AND 8 OF KL10-PW LOGIC ASSY. IF SLOTS ARE PRESENTLY USED BY M8519 MODULES, REMOVE THEM AND INSTALL M8500 MODULE (ITEM #41 OF MF20 UNIT ASSY) FOR MF20-LA, LB, LP/LR, LS/LT ONLY.
 5. INSTALL 2 M8501 (MODULES ITEM #62 OF MF20 UNIT ASSY) INTO SLOTS 7 AND 8 OF KL10-PW LOGIC ASSY. IF SLOTS ARE PRESENTLY USED BY M8580 MODULES, REMOVE THEM AND INSTALL 2 M8501 MODULES (ITEM #62 OF MF20 UNIT ASSY) FOR MF20-LH, LL, LM, LU, LV ONLY.
 6. X BUS CABLE BOARD (ITEM #63 OF MF20 UNIT ASSY) IS PLUGGED INTO SLOT 3 OF KL10-PW LOGIC ASSY. FOR MF20-LH, LL, LM, LV ONLY. OR SLOT 2 FOR MF20-LP/LR, LS/LT.
 7. IF AN MF20-LP/LR, LS/LT ALREADY EXISTS IN THE SYSTEM, THE X BUS CABLE BOARD (ITEM #63) MUST BE MOVED FROM SLOT 2 TO SLOT 3 SO AN MF20-LU/LV CAN BE INSTALLED.
- FOR MG20-LA/LB INSTALLATIONS:
8. INSTALL (2) M8580 IN PLACE OF (2) M8519 MODULES IN SLOTS 7 AND 8.
 9. INSTALL X BUS CABLE BOARD (M8572) INTO SLOT 2.

[illegible]

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FOR EACH OPTION OR SERIAL NUMBER WIRE THE SOURCE LISTED ABOVE THE OPTION OR SERIAL NUMBER BIT TO THE SOURCE TO MAKE THE BIT TRUE.

OPTIONS:

SOURCE:
OPTIONS:

50HZ
CACHE AVAIL
CHANNEL AVAIL
EXTENDED ADDRESSING CPU
MASTER OSCILLATOR
MCA 25

4D44E1
4E43M2
4E43A1
4E43E1
4D43D2
4D43E1
4E43F2

SERIAL NO.'S

SOURCE:

2048
1024
512
256
128
64

4D42E1
4E41M2
4E41A1
4E41E1
4D41D2
4D41E1
4E41F2

SERIAL NO.'S

SOURCE:

32
16
8
4
2
1

4D40E1
4E39M2
4E39A1
4E39E1
4D39D2
4D39E1
4E39F2

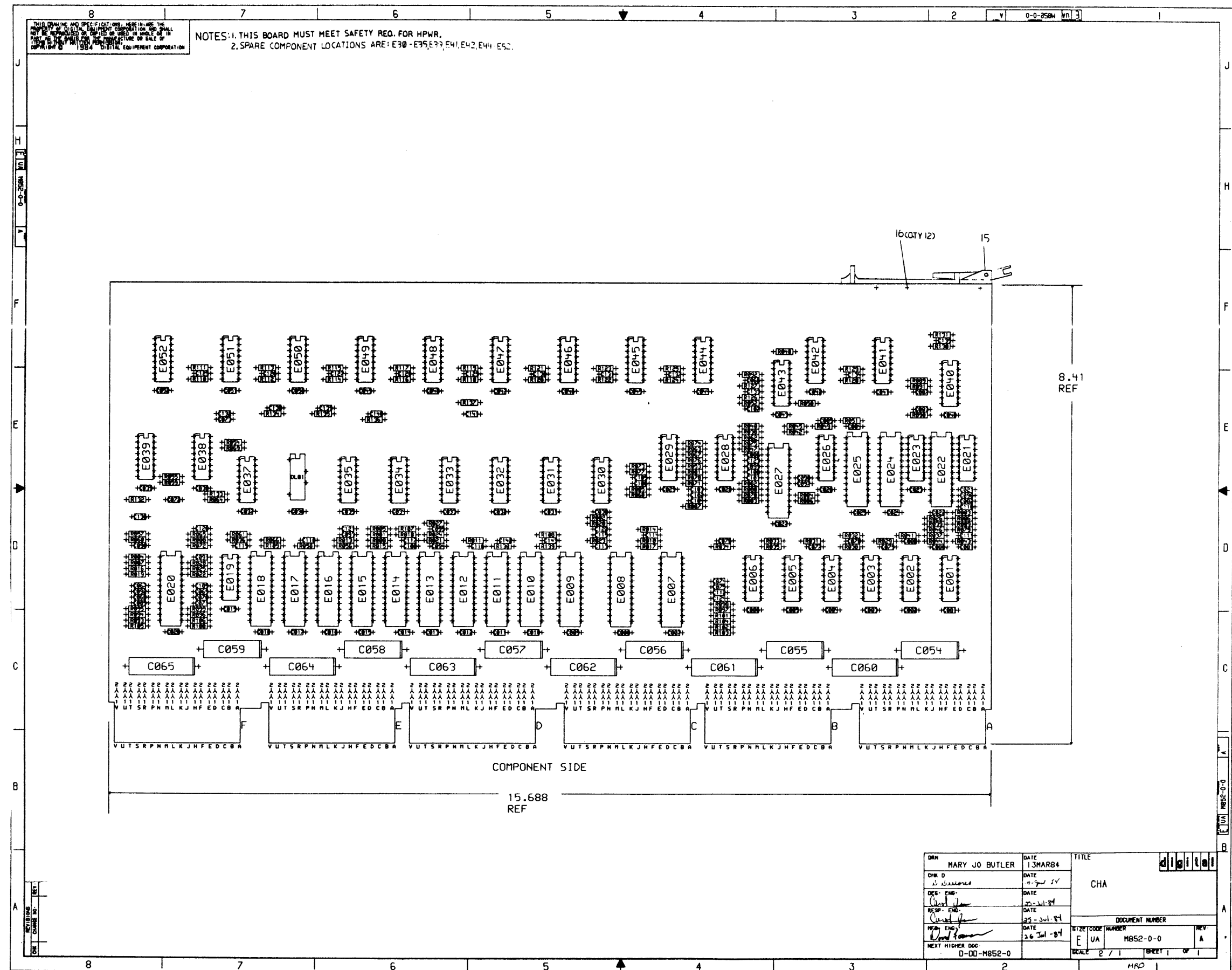
DESCRIPTION		DRAWING NO.		PART NO.		REV. NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)							
INCHES TOLERANCES		ANGLES ± 0° 30'		APPROXIMATE DIMENSION RANGE		DIMENSION RANGE IN INCHES	
X = ± .1 XX = ± .02 XXX = ± .005		SURFACE QUALITY		FINISH		OVER 4.0 TO 12.0 OVER 12.0 TO 40.0 OVER 40.0 TO 120.0 OVER 120.0 TO 400.0 OVER 400.0 TO 1000.0	
THIRD ANGLE PROJECTION		DATE 6-18-84		TITLE		OPTION/SERIAL NUMBER CHART	
DO NOT SCALE DRAWING		DATE 6-29-84		DATE 6-29-84		DATE 6-29-84	
REMOVE BURRS AND BREAK SHARP CORNERS		DATE 6-29-84		DATE 6-29-84		DATE 6-29-84	
MATERIAL		DATE 6-29-84		DATE 6-29-84		DATE 6-29-84	
FINISH		DATE 6-29-84		DATE 6-29-84		DATE 6-29-84	
B-B-D-KL10-PW		B-B-D-KL10-PW		B-B-D-KL10-PW		B-B-D-KL10-PW	
SCALE		SCALE		SCALE		SCALE	
SHEET 1 OF 1		SHEET 1 OF 1		SHEET 1 OF 1		SHEET 1 OF 1	

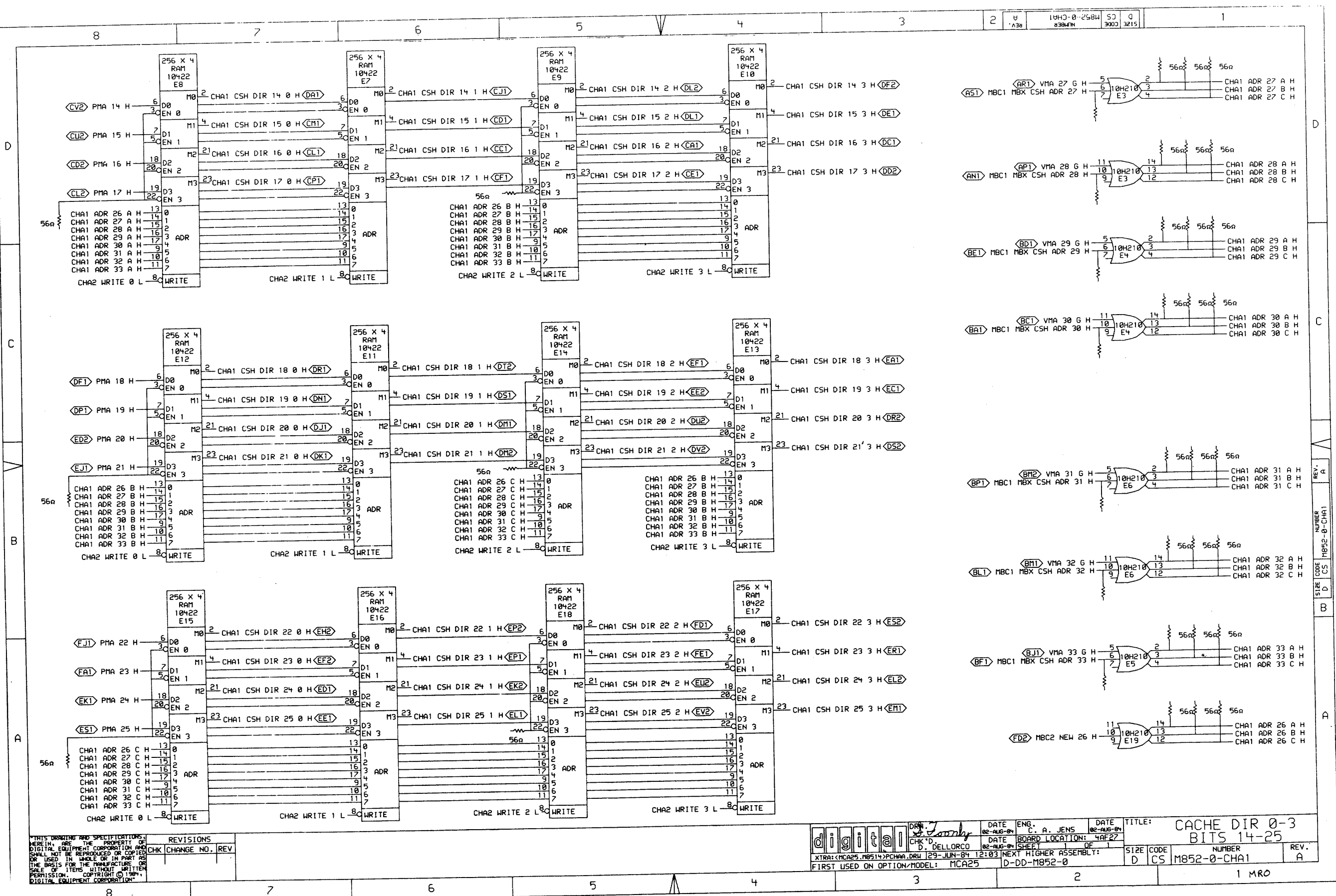
DRAWING NUMBER	NO.OF SHT	PART NUMBER	DESCRIPTION	REVISION
E-UA-M852-0-0	1	M852-00	MODULE REVISION	A1
K-PL-M852-0-DBP	1		CHA .	A
D-CS-M852-0-CHA1	1		PART LIST, M852	A
D-CS-M852-0-CHA2	1		CACHE DIR 0-3 BITS 14-25	A
D-CS-M852-0-CHA3	1		CACHE DIR PARITY & WR BÍTS	A
D-CS-M852-0-RES	1		CACHE DIR POWER, GND, CAP	A
			CACHE DIRECTORY TERMINATORS	A
K-PC-M852-0-DBM	-		MULTIWIRE DESIGN DATA BASE TAPE	A
D-DD-5016369-01-0	1		DRAWING DIRECTORY, 5016369-01	REF

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CHK	CHANGE NO.	REV

digital	DRW. J. Jorby	DATE 27-JUN-84	ENG. C. JENS	DATE 27-JUN-84	TITLE: M852
	CHK'D D. DELLORCO	DATE 27-JUN-84	BOARD LOCATION: N/A	SHEET 1 OF 1	DRAWING DIRECTORY
DSK:M852A.T2PL4.211 27-JUN-84 13:25			NEXT HIGHER ASSEMBLY:	SIZE CODE DD	NUMBER M852-0
FIRST USED ON OPTION/MODEL: KL10-PW			MCA25		REV. A



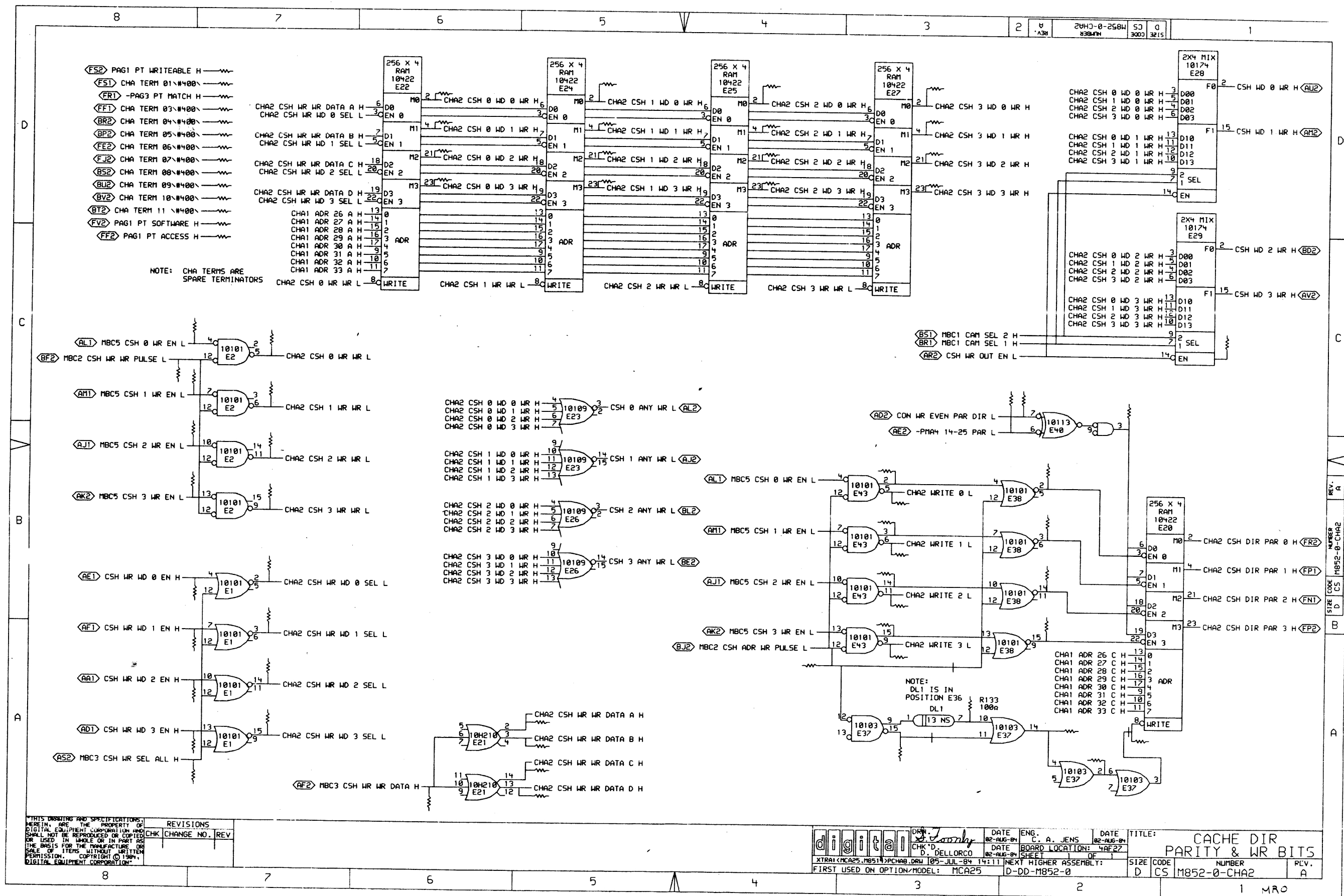


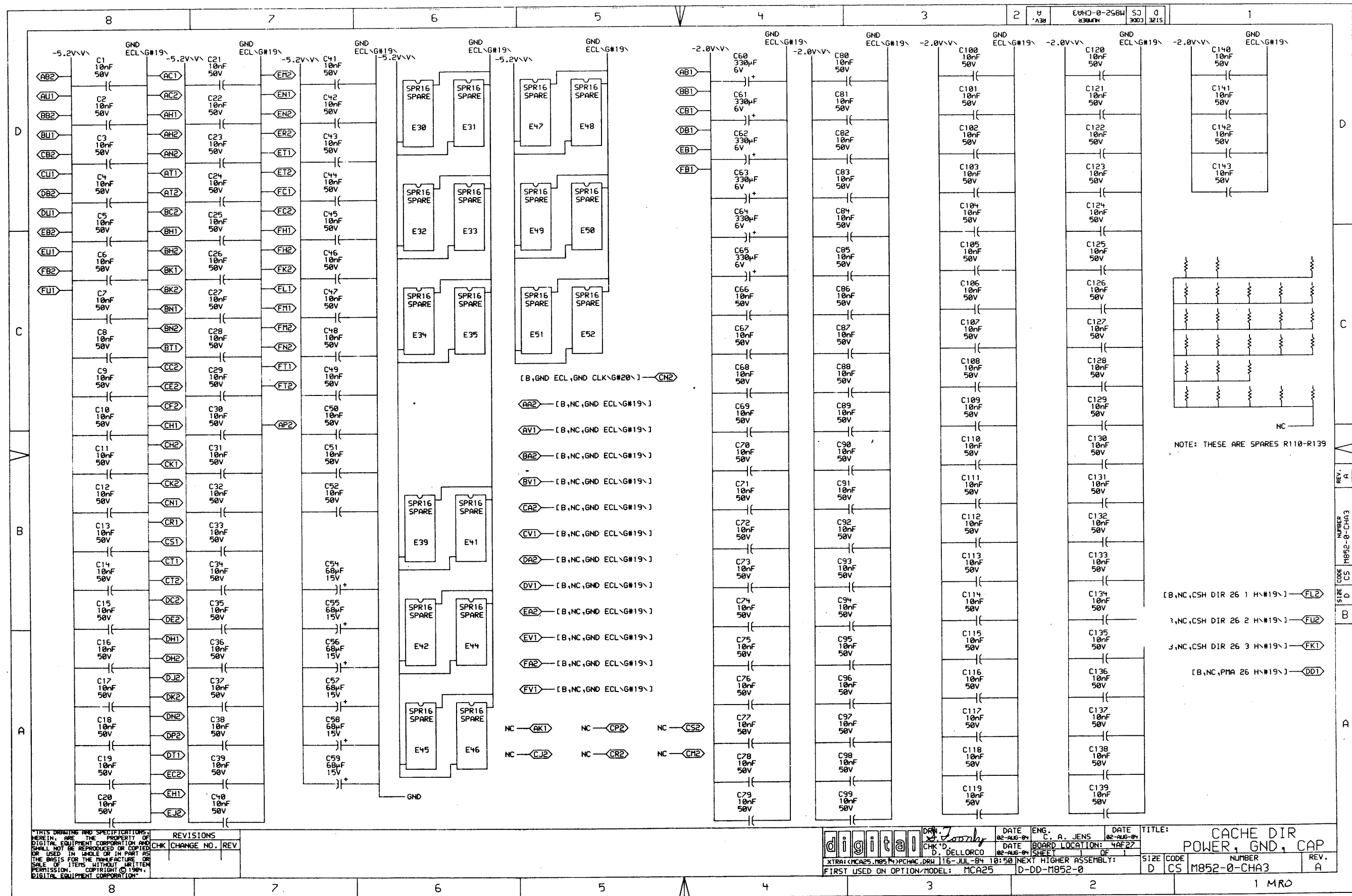
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REV.	NO.	DESCRIPTION	DATE
1	1	INITIAL	02-AUG-84

digital	DATE: 02-AUG-84	ENG: C. A. JENS	DATE: 02-AUG-84	TITLE: CACHE DIR 0-3 BITS 14-25
CHK'D: D. DELLORCO	DATE: 02-AUG-84	SHEET: 1 OF 1	BOARD LOCATION: 4AF27	SIZE: D
XTRA: MCA25.M8511.XCHAS.DRW		NEXT HIGHER ASSEMBLY: D-DD-M852-0		CODE: CS
FIRST USED ON OPTION/MODEL: MCA25				NUMBER: M852-0-CHA1
				REV: A

1 MRO





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REVISIONS		
CHK	CHANGE NO.	REV

digital
D. DELLORCO

DATE 02-AUG-84
DATE 02-AUG-84
SHEET 16
NEXT HIGHER ASSEMBLY: D-DD-M852-0

TITLE: CACHE DIR POWER, GND, CAP	
SIZE CODE	NUMBER
D CS	M852-0-CHA3
REV.	A

D

C

B

A

	8	7	6	5	4	3	2	D	REV.	NUMBER	CS	CODE	SIZE	1		
	RESISTOR LOC(PIN)	SHOWN ON DRUM REF	VALUE	TERMINATES SIGNAL	RESISTOR LOC(PIN)	SHOWN ON DRUM REF	VALUE	TERMINATES SIGNAL	RESISTOR LOC(PIN)	SHOWN ON DRUM REF	VALUE	TERMINATES SIGNAL	RESISTOR LOC(PIN)	SHOWN ON DRUM REF	VALUE	TERMINATES SIGNAL
	R13K(1)	CHA2 A3	100n	%DLI<7>	R21(1)	CHA1 C1	56n	CHA1 ADR 29 B H	R8Y(1)	CHA2 A5	68n	CHA2 CSH WR WR DATA C H	R125(1)	CHA3 C1	56n	NC
	R11(1)	CHA1 B8	56n	%E11<3>	R22(1)	CHA1 C1	56n	CHA1 ADR 29 C H	R86(1)	CHA2 A5	68n	CHA2 CSH WR WR DATA D H	R126(1)	CHA3 C1	56n	NC
	R10Z(1)	CHA1 B5	56n	%E13<3>	R23(1)	CHA1 C1	56n	CHA1 ADR 30 A H	R56(1)	CHA2 B3	68n	-CHA2 WRITE 0 H	R127(1)	CHA3 C1	56n	NC
	R13(1)	CHA1 A8	56n	%E15<3>	R24(1)	CHA1 C1	56n	CHA1 ADR 30 B H	R58(1)	CHA2 B3	68n	-CHA2 WRITE 1 H	R128(1)	CHA3 C1	56n	NC
	R109(1)	CHA1 A5	56n	%E17<3>	R25(1)	CHA1 C1	56n	CHA1 ADR 30 C H	R61(1)	CHA2 B3	68n	-CHA2 WRITE 2 H	R129(1)	CHA3 C1	56n	NC
	R112(1)	CHA2 A2	68n	%E37<14>	R26(1)	CHA1 B1	56n	CHA1 ADR 31 A H	R66(1)	CHA2 A3	68n	-CHA2 WRITE 3 H	R130(1)	CHA3 C1	56n	NC
	R36(1)	CHA2 A3	68n	%E37<15>	R27(1)	CHA1 B1	56n	CHA1 ADR 31 B H	R91(1)	CHA2 C2	68n	-CON WR EVEN PAR DIR H	R131(1)	CHA3 C1	56n	NC
	R113(1)	CHA2 A2	68n	%E37<2>	R28(1)	CHA1 B1	56n	CHA1 ADR 31 C H	R76(1)	CHA2 C1	68n	-CSH WR OUT EN H	R132(1)	CHA3 C1	56n	NC
	R54(1)	CHA2 A2	68n	%E37<3>	R9(1)	CHA1 B1	56n	CHA1 ADR 32 A H	R39(1)	CHA2 B7	68n	CSH WR WD 0 EN H	R135(1)	CHA3 C1	56n	NC
	R65(1)	CHA2 B2	68n	%E38<14>	R8(1)	CHA1 B1	56n	CHA1 ADR 32 B H	R41(1)	CHA2 A7	68n	CSH WR WD 1 EN H	R136(1)	CHA3 C1	56n	NC
	R72(1)	CHA2 A2	68n	%E38<15>	R7(1)	CHA1 B1	56n	CHA1 ADR 32 C H	R43(1)	CHA2 A7	68n	CSH WR WD 2 EN H	R137(1)	CHA3 C1	56n	NC
	R57(1)	CHA2 B2	68n	%E38<2>	R6(1)	CHA1 A1	56n	CHA1 ADR 33 A H	R44(1)	CHA2 A7	68n	CSH WR WD 3 EN H	R138(1)	CHA3 C1	56n	NC
	R60(1)	CHA2 B2	68n	%E38<3>	R5(1)	CHA1 A1	56n	CHA1 ADR 33 B H	R30(1)	CHA1 D2	68n	MBC1 MBX CSH ADR 27 H	R139(1)	CHA3 C1	56n	NC
	R88(1)	CHA2 C2	68n	%E40<3>	R4(1)	CHA1 A1	56n	CHA1 ADR 33 C H	R29(1)	CHA1 D2	68n	MBC1 MBX CSH ADR 28 H	R106(1)	CHA2 C7	68n	PAG1 PT ACCESS H
	R64(1)	CHA2 B3	68n	%E43<14>	R63(1)	CHA2 D6	68n	CHA2 CSH 0 WD 0 WR H	R31(1)	CHA1 C2	68n	MBC1 MBX CSH ADR 29 H	R105(1)	CHA2 C7	68n	PAG1 PT SOFTWARE H
	R69(1)	CHA2 B3	68n	%E43<15>	R62(1)	CHA2 D6	68n	CHA2 CSH 0 WD 1 WR H	R32(1)	CHA1 C2	68n	MBC1 MBX CSH ADR 30 H	R93(1)	CHA2 D7	68n	PAG1 PT WRITEABLE H
	R55(1)	CHA2 B3	68n	%E43<2>	R73(1)	CHA2 D6	68n	CHA2 CSH 0 WD 2 WR H	R34(1)	CHA1 B2	68n	MBC1 MBX CSH ADR 31 H	R95(1)	CHA2 D7	68n	-PAG3 PT MATCH H
	R59(1)	CHA2 B3	68n	%E43<3>	R71(1)	CHA2 D6	68n	CHA2 CSH 0 WD 3 WR H	R33(1)	CHA1 B2	68n	MBC1 MBX CSH ADR 32 H	R89(1)	CHA2 C2	68n	PM44 14-25 PAR H
	R10(1)	CHA1 D8	56n	%E7<3>	R90(1)	CHA2 C7	68n	-CHA2 CSH 0 WR WR H	R35(1)	CHA1 A2	68n	MBC1 MBX CSH ADR 33 H				
	R108(1)	CHA1 D5	56n	%E9<3>	R74(1)	CHA2 D5	68n	CHA2 CSH 1 WD 0 WR H	R134(1)	CHA2 A4	68n	-MBC2 CSH ADR WR PULSE H				
	R94(1)	CHA2 D7	68n	CHA TERM 01~#400\	R70(1)	CHA2 D5	68n	CHA2 CSH 1 WD 1 WR H	R46(1)	CHA2 C8	68n	-MBC2 CSH WR WR PULSE H				
	R96(1)	CHA2 D7	68n	CHA TERM 03~#400\	R68(1)	CHA2 D5	68n	CHA2 CSH 1 WD 2 WR H	R37(1)	CHA2 A7	68n	MBC3 CSH WR SEL ALL H				
	R97(1)	CHA2 D7	68n	CHA TERM 04~#400\	R67(1)	CHA2 D5	68n	CHA2 CSH 1 WD 3 WR H	R79(1)	CHA2 A6	68n	MBC3 CSH WR WR DATA H				
	R98(1)	CHA2 D7	68n	CHA TERM 05~#400\	R51(1)	CHA2 C7	68n	-CHA2 CSH 1 WR WR H	R92(1)	CHA2 C7	68n	-MBC5 CSH 0 WR EN H				
	R99(1)	CHA2 D7	68n	CHA TERM 06~#400\	R81(1)	CHA2 D4	68n	CHA2 CSH 2 WD 0 WR H	R52(1)	CHA2 C7	68n	-MBC5 CSH 1 WR EN H				
	R100(1)	CHA2 D7	68n	CHA TERM 07~#400\	R75(1)	CHA2 D4	68n	CHA2 CSH 2 WD 1 WR H	R50(1)	CHA2 B7	68n	-MBC5 CSH 2 WR EN H				
	R101(1)	CHA2 D7	68n	CHA TERM 08~#400\	R77(1)	CHA2 D4	68n	CHA2 CSH 2 WD 2 WR H	R48(1)	CHA2 B7	68n	-MBC5 CSH 3 WR EN H				
	R102(1)	CHA2 D7	68n	CHA TERM 09~#400\	R78(1)	CHA2 D4	68n	CHA2 CSH 2 WD 3 WR H	R110(1)	CHA3 C1	56n	NC				
	R103(1)	CHA2 D7	68n	CHA TERM 10~#400\	R49(1)	CHA2 B7	68n	-CHA2 CSH 2 WR WR H	R111(1)	CHA3 C1	56n	NC				
	R104(1)	CHA2 D7	68n	CHA TERM 11~#400\	R53(1)	CHA2 D3	68n	CHA2 CSH 3 WD 0 WR H	R114(1)	CHA3 C1	56n	NC				
	R3(1)	CHA1 A1	56n	CHA1 ADR 26 A H	R83(1)	CHA2 D3	68n	CHA2 CSH 3 WD 1 WR H	R115(1)	CHA3 C1	56n	NC				
	R2(1)	CHA1 A1	56n	CHA1 ADR 26 B H	R85(1)	CHA2 D3	68n	CHA2 CSH 3 WD 2 WR H	R116(1)	CHA3 C1	56n	NC				
	R1(1)	CHA1 A1	56n	CHA1 ADR 26 C H	R87(1)	CHA2 D3	68n	CHA2 CSH 3 WD 3 WR H	R117(1)	CHA3 C1	56n	NC				
	R14(1)	CHA1 D1	56n	CHA1 ADR 27 A H	R47(1)	CHA2 B7	68n	-CHA2 CSH 3 WR WR H	R118(1)	CHA3 C1	56n	NC				
	R15(1)	CHA1 D1	56n	CHA1 ADR 27 B H	R38(1)	CHA2 B7	68n	-CHA2 CSH WR WD 0 SEL H	R119(1)	CHA3 C1	56n	NC				
	R16(1)	CHA1 D1	56n	CHA1 ADR 27 C H	R40(1)	CHA2 A7	68n	-CHA2 CSH WR WD 1 SEL H	R120(1)	CHA3 C1	56n	NC				
	R17(1)	CHA1 D1	56n	CHA1 ADR 28 A H	R42(1)	CHA2 A7	68n	-CHA2 CSH WR WD 2 SEL H	R121(1)	CHA3 C1	56n	NC				
	R18(1)	CHA1 D1	56n	CHA1 ADR 28 B H	R45(1)	CHA2 A7	68n	-CHA2 CSH WR WD 3 SEL H	R122(1)	CHA3 C1	56n	NC				
	R19(1)	CHA1 D1	56n	CHA1 ADR 28 C H	R80(1)	CHA2 A5	68n	CHA2 CSH WR WR DATA A H	R123(1)	CHA3 C1	56n	NC				
	R20(1)	CHA1 C1	56n	CHA1 ADR 29 A H	R82(1)	CHA2 A5	68n	CHA2 CSH WR WR DATA B H	R124(1)	CHA3 C1	56n	NC				

NOTE:

1. ALL TERMINATORS HAVE PIN TWO CONNECTED TO -2.0V AND ARE 5% 1/4WATT UNLESS OTHERWISE SPECIFIED

2. ENTRIES ARE SORTED BY SIGNAL NAME

3. % INDICATES OUTPUT OF DIP LOC AND

() INDICATES PIN NUMBER

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REVISIONS

CHK

CHANGE NO.

REV

digital

DRW. *S. Looney*

CHK'D *D. DELLORCO*

DATE 02-AUG-84

ENG. C. A. JENS

DATE 02-AUG-84

BOARD LOCATION: SHEET 1 OF 1

TITLE: CACHE DIRECTORY TERMINATORS

SIZE D

CODE CS

NUMBER M852-0-RES

REV. A

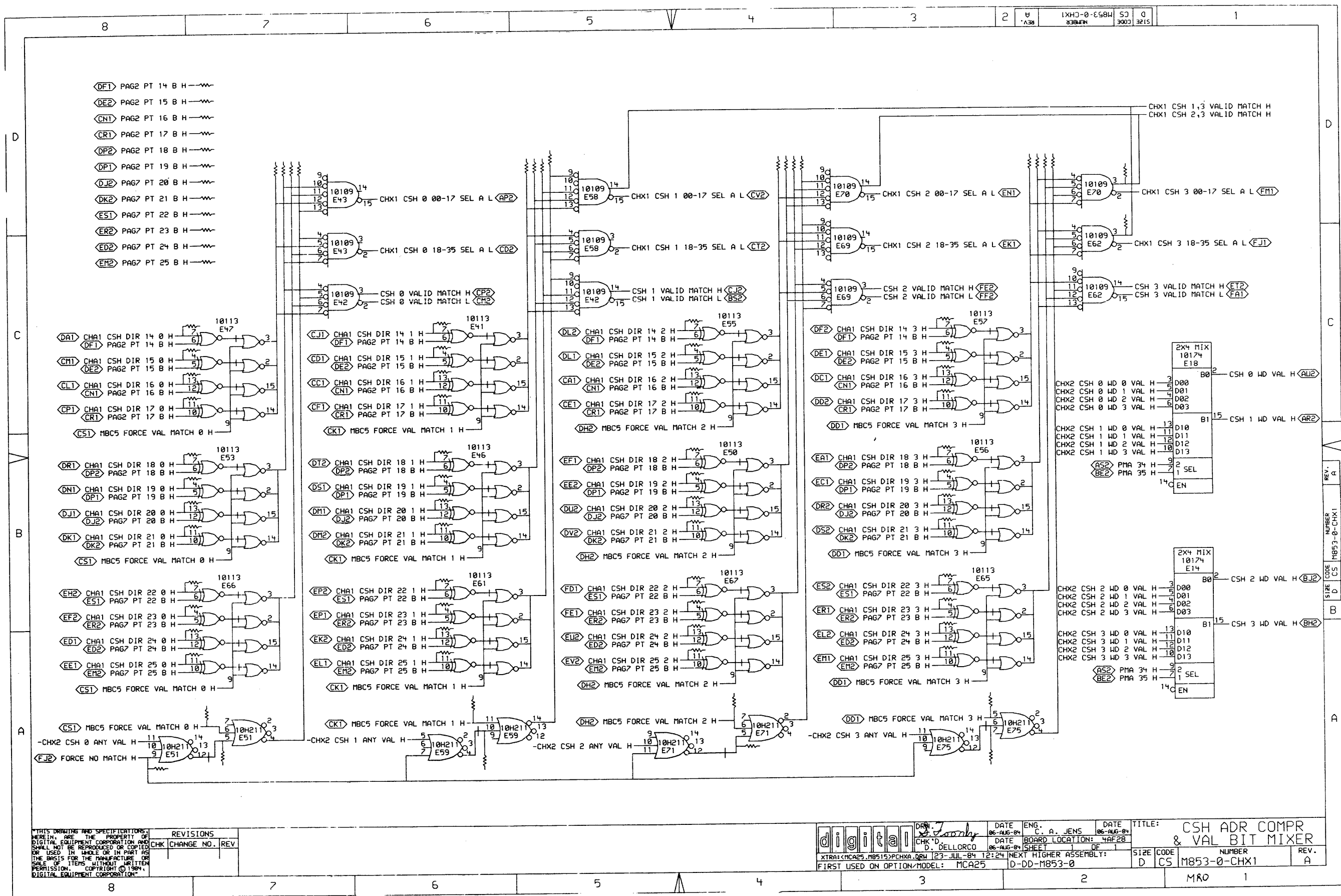
1 MRO

DRAWING NUMBER	NO.OF SHT	PART NUMBER	DESCRIPTION	REVISION
		M853-00	MODULE REVISION	A1
D-LIA-M853-0-0	1		CACHE EXTENSION	A
K-PL-M853-0-DBP	2		PART LIST, M853	A
D-CS-M853-0-CHX1	1		CSH ADR COMPR & VAL BIT MIXER	A
D-CS-M853-0-CHX2	1		CSH VALID BITS AND ADR MIXERS	A
D-CS-M853-0-CHX3	1		CACHE USE BITS ADR BUF & LRU BITS	A
D-CS-M853-0-CHX4	1		CSH DIR PAR NET AND DIAG MIXERS	A
D-CS-M853-0-CHX5	1		CHX POWER, GND, CAP	A
D-CS-M853-0-RES	2		CACHE EXTENSION TERMINATORS	A
K-PC-M853-0-DBI	-		P.C. DESIGN DATA BASE TAPE	A
D-DD-5017667-0	1		DRAWING DIRECTORY, 5017667	REF

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DRAWING DIRECTORY

TITLE: M853
D SK:M853A.T2P(4,2) 29-JUN-84 15:54 NEXT HIGHER ASSEMBLY:
FIRST USED ON OPTION/MODEL: KL10-PW MCA25

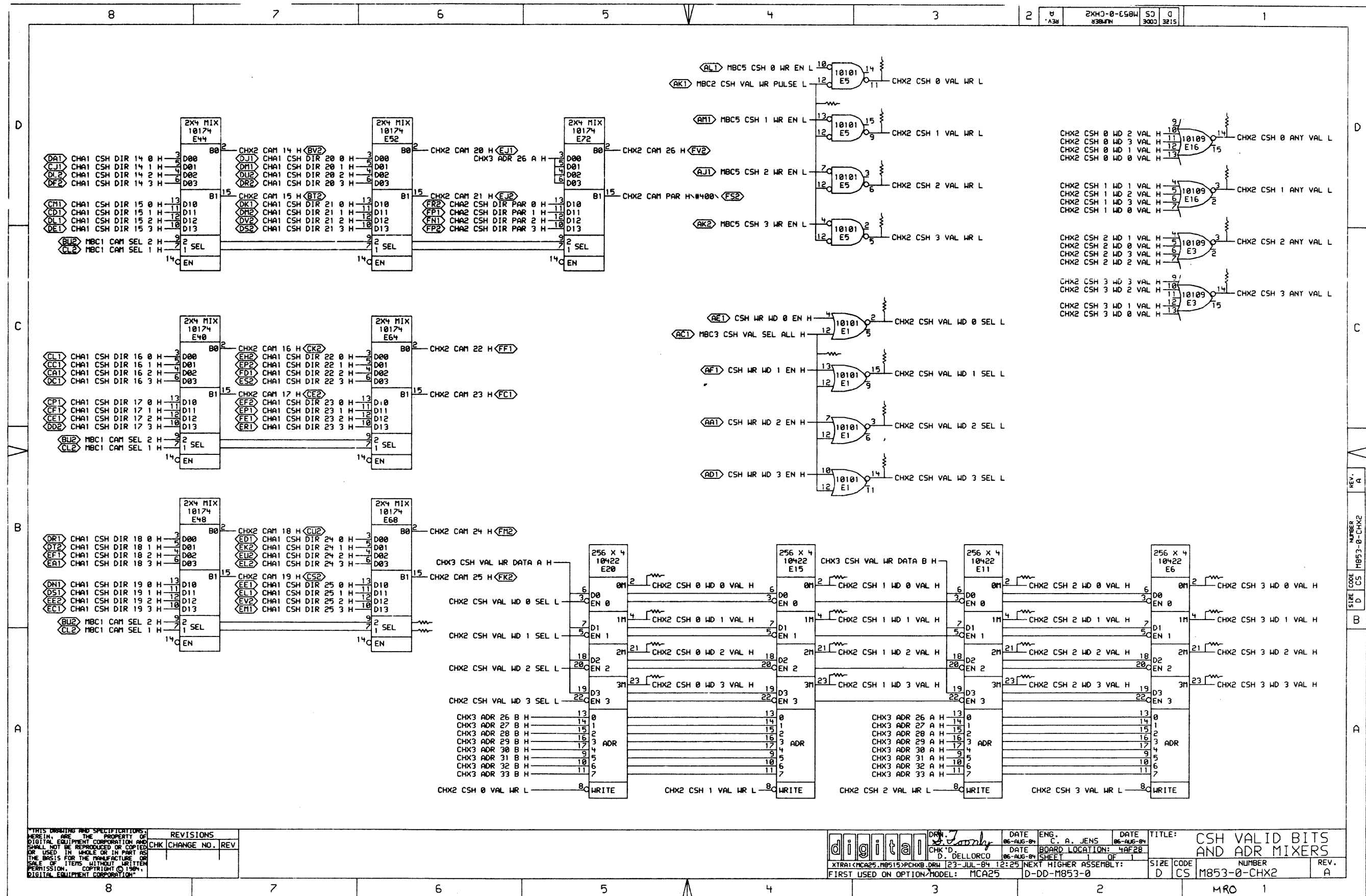


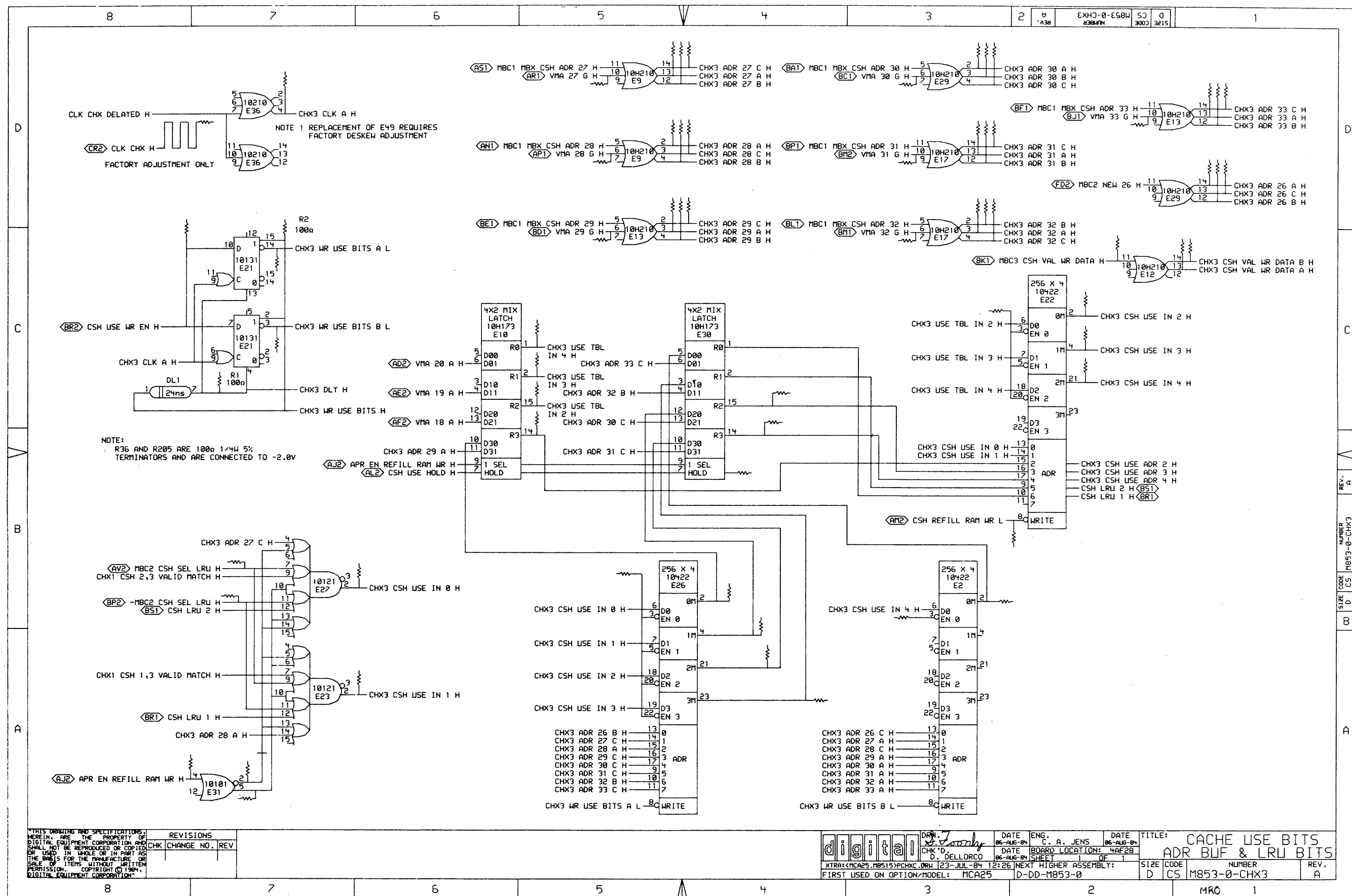
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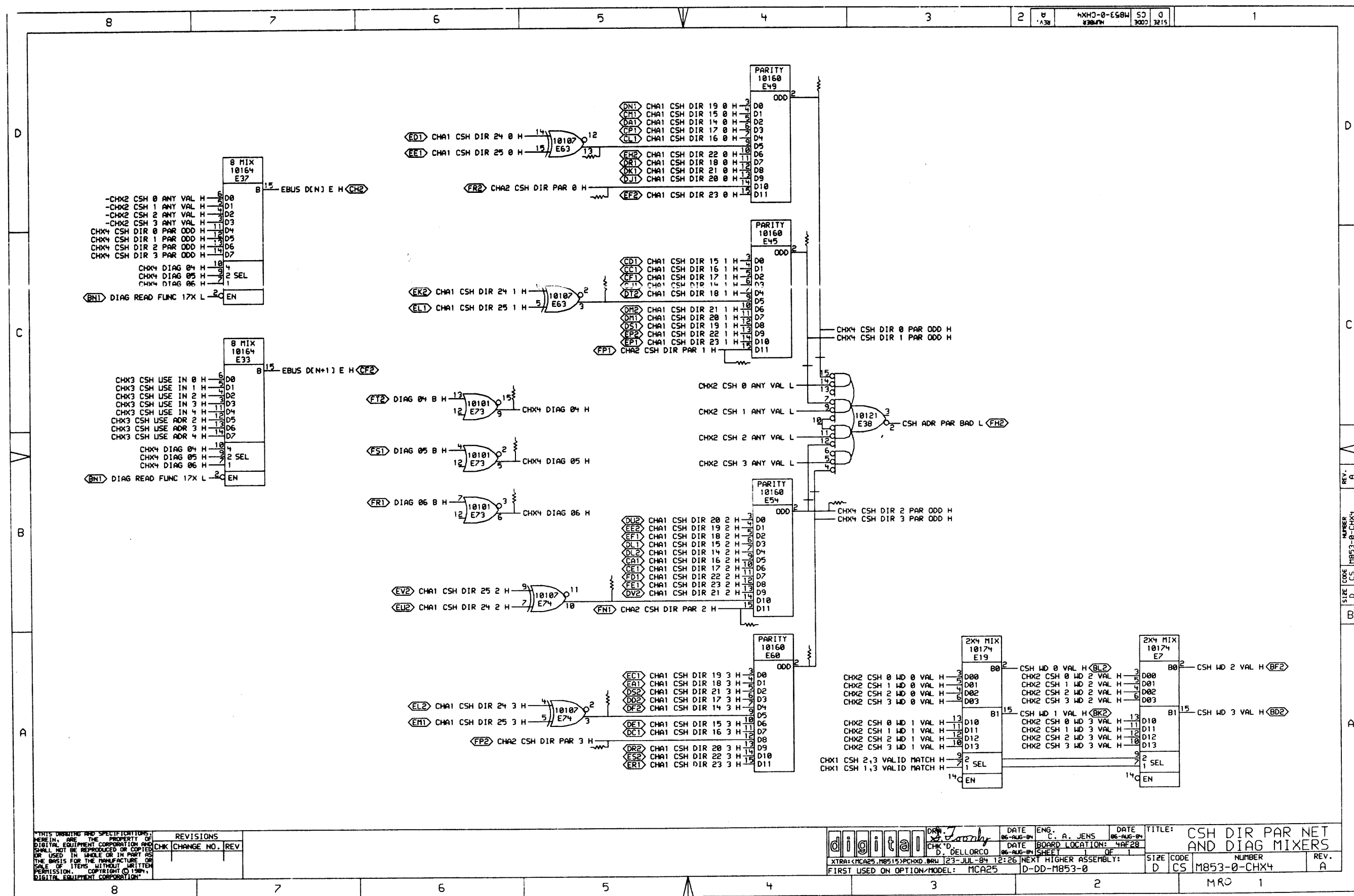
REVISIONS		
CHK	CHANGE NO.	REV

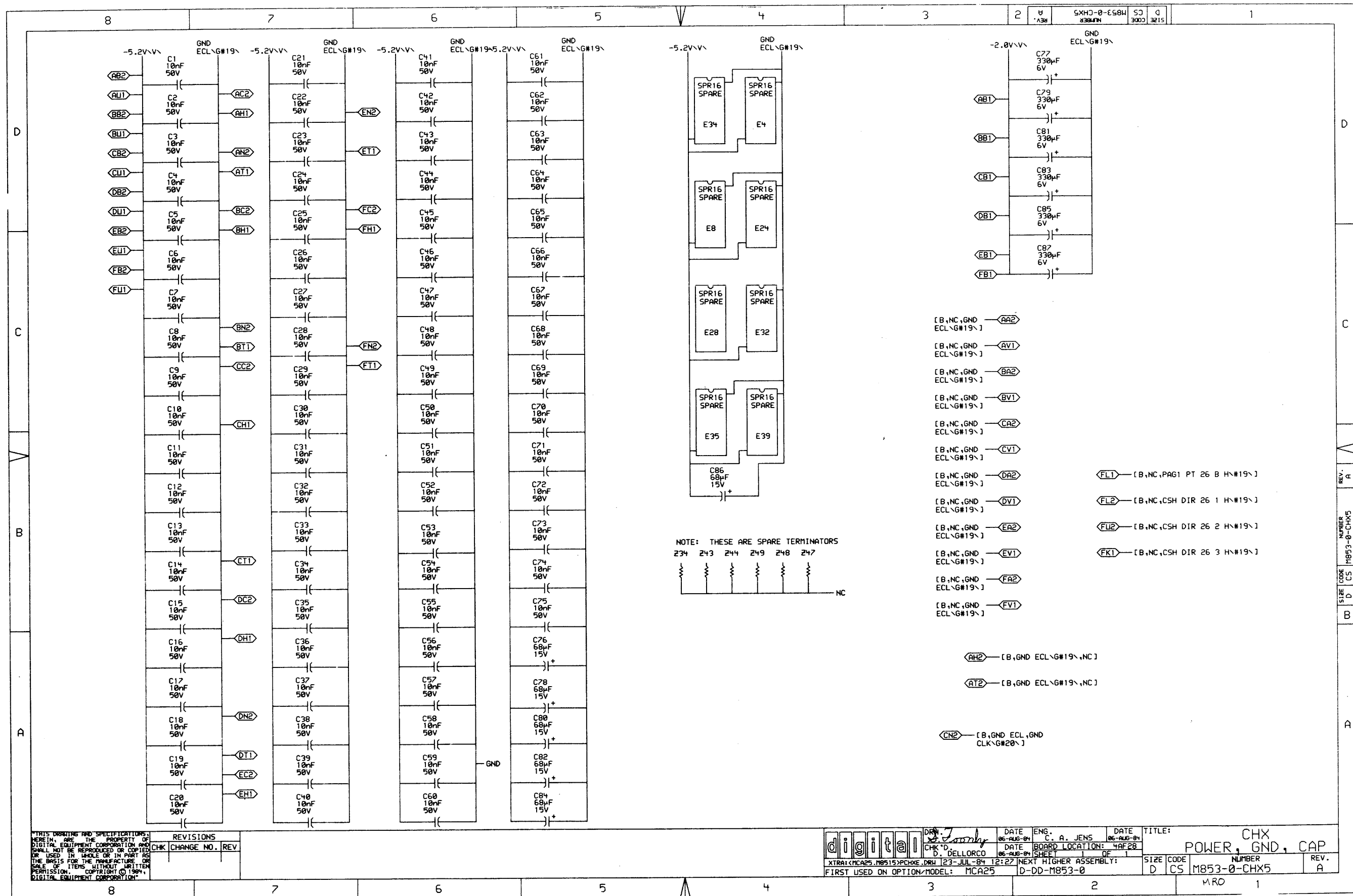
digital	DATE	06-AUG-84	ENG.	C. A. JENS	DATE	06-AUG-84	TITLE	CSH ADR COMP & VAL BIT MIXER	
	CHK'D	D. DELLORCO	DATE	06-AUG-84	BOARD LOCATION	4AF28	SIZE	D	
XTRA1 MCA25 M8515 PCHXA.DRW		23-JUL-84 12:24		NEXT HIGHER ASSEMBLY:		D-DD-M853-0		NUMBER	M853-0-CHX1
FIRST USED ON OPTION/MODEL:								REV.	A

M80 1









RESISTOR LOC(PIN)	SHOWN ON DRAWN	REF	VALUE	TERMINATES SIGNAL
220(8)	CHX3	B3	68n	%E2(2)
215(5)	CHX3	B3	68n	%E2(3)
219(3)	CHX3	C3	68n	%E22(3)
23(6)	CHX3	B4	68n	%E26(2)
26(6)	CHX3	A4	68n	%E26(21)
220(10)	CHX3	A4	68n	%E26(23)
220(1)	CHX3	B5	68n	%E26(3)
220(5)	CHX3	A4	68n	%E26(4)
233(6)	CHX3	A7	68n	%E31(2)
232(3)	CHX3	A7	68n	%E31(5)
239(10)	CHX1	D5	68n	%E41(2)
240(1)	CHX1	D5	68n	%E46(2)
222(10)	CHX1	D7	68n	%E47(2)
213(8)	CHX1	D4	68n	%E50(2)
252(1)	CHX1	A7	68n	%E51(12)
237(1)	CHX1	D7	68n	%E51(4)
250(6)	CHX1	D7	68n	%E53(2)
213(10)	CHX1	D4	68n	%E55(2)
241(10)	CHX1	D2	68n	%E56(2)
228(3)	CHX1	D2	68n	%E57(2)
222(8)	CHX1	D5	68n	%E59(14)
268(3)	CHX1	A6	68n	%E59(4)
240(3)	CHX1	D5	68n	%E61(2)
210(1)	CHX4	D5	68n	%E63(13)
29(5)	CHX4	C5	68n	%E63(3)
242(3)	CHX1	D2	68n	%E65(2)
250(8)	CHX1	D7	68n	%E66(2)
228(1)	CHX1	D4	68n	%E67(2)
255(8)	CHX1	A4	68n	%E71(12)
214(1)	CHX1	D4	68n	%E71(2)
238(8)	CHX4	B5	68n	%E74(10)
212(1)	CHX4	A5	68n	%E74(3)
242(8)	CHX1	A3	68n	%E75(12)
240(5)	CHX1	D2	68n	%E75(4)
26(5)	CHX3	A7	68n	APR EN REFILL RAM WR H
238(1)	CHX1	C7	68n	CHAI CSH DIR 14 0 H
29(10)	CHX1	C6	68n	CHAI CSH DIR 14 1 H
252(8)	CHX1	C4	68n	CHAI CSH DIR 14 2 H
212(6)	CHX1	C3	68n	CHAI CSH DIR 14 3 H
251(5)	CHX1	C7	68n	CHAI CSH DIR 15 0 H

NOTE:

1. ALL TERMINATORS HAVE PIN TWO CONNECTED TO -2.0V AND ARE 5% 1/4WATT UNLESS OTHERWISE SPECIFIED
2. ENTRIES ARE SORTED BY SIGNAL NAME
3. % INDICATES OUTPUT OF DIP LOC AND (<) INDICATES PIN NUMBER

RESISTOR LOC(PIN)	SHOWN ON DRAWN	REF	VALUE	TERMINATES SIGNAL
29(1)	CHX1	C6	68n	CHAI CSH DIR 15 1 H
252(10)	CHX1	C4	68n	CHAI CSH DIR 15 2 H
225(10)	CHX1	C3	68n	CHAI CSH DIR 15 3 H
251(1)	CHX1	C7	68n	CHAI CSH DIR 16 0 H
29(6)	CHX1	C6	68n	CHAI CSH DIR 16 1 H
252(5)	CHX1	C4	68n	CHAI CSH DIR 16 2 H
225(6)	CHX1	C3	68n	CHAI CSH DIR 16 3 H
250(10)	CHX1	C7	68n	CHAI CSH DIR 17 0 H
29(8)	CHX1	C6	68n	CHAI CSH DIR 17 1 H
252(6)	CHX1	C4	68n	CHAI CSH DIR 17 2 H
212(10)	CHX1	C3	68n	CHAI CSH DIR 17 3 H
211(3)	CHX1	B7	68n	CHAI CSH DIR 18 0 H
223(10)	CHX1	B6	68n	CHAI CSH DIR 18 1 H
239(3)	CHX1	B4	68n	CHAI CSH DIR 18 2 H
210(3)	CHX1	B3	68n	CHAI CSH DIR 18 3 H
225(3)	CHX1	B7	68n	CHAI CSH DIR 19 0 H
223(8)	CHX1	B6	68n	CHAI CSH DIR 19 1 H
239(1)	CHX1	B4	68n	CHAI CSH DIR 19 2 H
210(5)	CHX1	B3	68n	CHAI CSH DIR 19 3 H
211(1)	CHX1	B7	68n	CHAI CSH DIR 20 0 H
237(5)	CHX1	B6	68n	CHAI CSH DIR 20 1 H
224(6)	CHX1	B4	68n	CHAI CSH DIR 20 2 H
212(3)	CHX1	B3	68n	CHAI CSH DIR 20 3 H
210(10)	CHX1	B7	68n	CHAI CSH DIR 21 0 H
223(5)	CHX1	B6	68n	CHAI CSH DIR 21 1 H
224(3)	CHX1	B4	68n	CHAI CSH DIR 21 2 H
212(8)	CHX1	B3	68n	CHAI CSH DIR 21 3 H
213(3)	CHX1	B7	68n	CHAI CSH DIR 22 0 H
213(1)	CHX1	B6	68n	CHAI CSH DIR 22 1 H
257(5)	CHX1	B4	68n	CHAI CSH DIR 22 2 H
213(5)	CHX1	B3	68n	CHAI CSH DIR 22 3 H
241(5)	CHX1	B7	68n	CHAI CSH DIR 23 0 H
29(3)	CHX1	B6	68n	CHAI CSH DIR 23 1 H
255(1)	CHX1	B4	68n	CHAI CSH DIR 23 2 H
227(5)	CHX1	B3	68n	CHAI CSH DIR 23 3 H
254(1)	CHX1	A7	68n	CHAI CSH DIR 24 0 H
254(3)	CHX1	A6	68n	CHAI CSH DIR 24 1 H
254(8)	CHX1	A4	68n	CHAI CSH DIR 24 2 H
228(8)	CHX1	A3	68n	CHAI CSH DIR 24 3 H
268(10)	CHX1	A7	68n	CHAI CSH DIR 25 0 H

RESISTOR LOC(PIN)	SHOWN ON DRAWN	REF	VALUE	TERMINATES SIGNAL
254(5)	CHX1	A6	68n	CHAI CSH DIR 25 1 H
257(1)	CHX1	A4	68n	CHAI CSH DIR 25 2 H
228(10)	CHX1	A3	68n	CHAI CSH DIR 25 3 H
224(1)	CHX4	D5	68n	CHAI CSH DIR PAR 0 H
223(3)	CHX4	C4	68n	CHAI CSH DIR PAR 1 H
224(10)	CHX4	B4	68n	CHAI CSH DIR PAR 2 H
212(5)	CHX4	A5	68n	CHAI CSH DIR PAR 3 H
230(3)	CHX1	C2	68n	CHX1 CSH 1,3 VALID MATCH H
217(5)	CHX1	D2	68n	CHX1 CSH 2,3 VALID MATCH H
235(10)	CHX2	D1	68n	-CHX2 CSH 0 ANT VAL H
246(10)	CHX2	D3	68n	-CHX2 CSH 0 VAL WR H
217(8)	CHX2	B5	68n	CHX2 CSH 0 WD 0 VAL H
218(6)	CHX2	B5	68n	CHX2 CSH 0 WD 1 VAL H
217(6)	CHX2	A5	68n	CHX2 CSH 0 WD 2 VAL H
218(5)	CHX2	A5	68n	CHX2 CSH 0 WD 3 VAL H
235(8)	CHX2	D1	68n	-CHX2 CSH 1 ANT VAL H
218(3)	CHX2	D3	68n	-CHX2 CSH 1 VAL WR H
231(5)	CHX2	B4	68n	CHX2 CSH 1 WD 0 VAL H
245(5)	CHX2	B4	68n	CHX2 CSH 1 WD 1 VAL H
245(3)	CHX2	A4	68n	CHX2 CSH 1 WD 2 VAL H
231(3)	CHX2	A4	68n	CHX2 CSH 1 WD 3 VAL H
222(5)	CHX2	C1	68n	-CHX2 CSH 2 ANT VAL H
216(6)	CHX2	D3	68n	-CHX2 CSH 2 VAL WR H
233(1)	CHX2	B2	68n	CHX2 CSH 2 WD 0 VAL H
217(1)	CHX2	B2	68n	CHX2 CSH 2 WD 1 VAL H
230(1)	CHX2	A2	68n	CHX2 CSH 2 WD 2 VAL H
215(8)	CHX2	A2	68n	CHX2 CSH 2 WD 3 VAL H
222(3)	CHX2	C1	68n	-CHX2 CSH 3 ANT VAL H
23(3)	CHX2	C3	68n	-CHX2 CSH 3 VAL WR H
233(3)	CHX2	B1	68n	CHX2 CSH 3 WD 0 VAL H
231(8)	CHX2	B1	68n	CHX2 CSH 3 WD 1 VAL H
229(3)	CHX2	A1	68n	CHX2 CSH 3 WD 2 VAL H
215(10)	CHX2	A1	68n	CHX2 CSH 3 WD 3 VAL H
245(1)	CHX2	C3	68n	-CHX2 CSH VAL WD 0 SEL H
246(6)	CHX2	C3	68n	-CHX2 CSH VAL WD 1 SEL H
245(8)	CHX2	C3	68n	-CHX2 CSH VAL WD 2 SEL H
246(1)	CHX2	B3	68n	-CHX2 CSH VAL WD 3 SEL H
22(8)	CHX3	D1	68n	CHX3 ADR 26 A H
231(10)	CHX3	D1	68n	CHX3 ADR 26 B H
22(6)	CHX3	D1	68n	CHX3 ADR 26 C H

RESISTOR LOC(PIN)	SHOWN ON DRAWN	REF	VALUE	TERMINATES SIGNAL
216(1)	CHX3	D5	68n	CHX3 ADR 27 A H
245(10)	CHX3	D4	68n	CHX3 ADR 27 B H
256(3)	CHX3	D4	68n	CHX3 ADR 27 C H
233(5)	CHX3	D5	68n	CHX3 ADR 28 A H
245(6)	CHX3	D4	68n	CHX3 ADR 28 B H
22(1)	CHX3	D4	68n	CHX3 ADR 28 C H
230(5)	CHX3	D5	68n	CHX3 ADR 29 A H
246(5)	CHX3	D4	68n	CHX3 ADR 29 B H
219(10)	CHX3	D4	68n	CHX3 ADR 29 C H
215(1)	CHX3	D3	68n	CHX3 ADR 30 A H
246(3)	CHX3	D3	68n	CHX3 ADR 30 B H
256(6)	CHX3	D3	68n	CHX3 ADR 30 C H
216(5)	CHX3	D3	68n	CHX3 ADR 31 A H
218(1)	CHX3	D3	68n	CHX3 ADR 31 B H
256(5)	CHX3	D3	68n	CHX3 ADR 31 C H
216(3)	CHX3	D3	68n	CHX3 ADR 32 A H
221(1)	CHX3	D3	68n	CHX3 ADR 32 B H
24(10)	CHX3	D3	68n	CHX3 ADR 32 C H
216(8)	CHX3	D1	68n	CHX3 ADR 33 A H
217(3)	CHX3	D1	68n	CHX3 ADR 33 B H
256(10)	CHX3	D1	68n	CHX3 ADR 33 C H
25(3)	CHX3	D7	68n	CHX3 CLK A H
25(1)	CHX3	B5	68n	CHX3 CSH USE ADR 2 H
218(8)	CHX3	C4	68n	CHX3 CSH USE ADR 3 H
217(10)	CHX3	C4	68n	CHX3 CSH USE ADR 4 H
220(3)	CHX3	B6	68n	CHX3 CSH USE IN 0 H
26(1)	CHX3	A6	68n	CHX3 CSH USE IN 1 H
221(8)	CHX3	C2	68n	CHX3 CSH USE IN 2 H
221(6)	CHX3	C2	68n	CHX3 CSH USE IN 3 H
215(3)	CHX3	C2	68n	CHX3 CSH USE IN 4 H
246(8)	CHX3	C1	68n	CHX3 CSH VAL WR DATA A H
23(1)	CHX3	C1	68n	CHX3 CSH VAL WR DATA B H
21(1)	CHX3	C7	100n	CHX3 DLY H
219(6)	CHX3	C5	68n	CHX3 USE TBL IN 2 H
219(5)	CHX3	C5	68n	CHX3 USE TBL IN 3 H
218(10)	CHX3	C5	68n	CHX3 USE TBL IN 4 H
22(1)	CHX3	C7	100n	CHX3 WR USE BITS H
25(10)	CHX3	C7	68n	-CHX3 WR USE BITS A H
22(5)	CHX3	C7	68n	-CHX3 WR USE BITS B H
236(1)	CHX4	D4	68n	CHX4 CSH DIR 0 PAR ODD H

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REVISIONS		
CHK	CHANGE NO.	REV.

digital
XTRA1:MCA25.M8515>M8531.DRW 24-JUL-84 11:28
FIRST USED ON OPTION/MODEL: MCA25

DATE ENG. C. A. JENS 06-AUG-84
DATE BOARD LOCATION: 4AF28 06-AUG-84
SHEET 1 OF 2

DATE 06-AUG-84
NEXT HIGHER ASSEMBLY: D-DD-M853-0

TITLE: CACHE EXTENSION
TERMINATORS
SIZE CODE NUMBER REV.
D CS M853-0-RES A

DRAWING NUMBER	NO.OF SHT	PART NUMBER	DESCRIPTION	REVISION
		M854-00	MODULE REVISION	A1
D-UA-M854-0-0	1		PHYSICAL MEMORY ADDRESS	A
K-PL-M854-0-DBP	2		PART LIST, M854	A
D-CS-M854-0-PMA1	1		EBR & UBR REG UEBR MIX & VA BUF	A
D-CS-M854-0-PMA2	1		CACHE CLEARER ADR CTR	A
D-CS-M854-0-PMA3	1		PHY ADR MIX PA 14-31	A
D-CS-M854-0-PMA4	1		ERA REG, ADR PAR, PA 32-35 MIX	A
D-CS-M854-0-PMA5	1		PHY MEM ADR CONTROL LOGIC	A
D-CS-M854-0-PMA6	1		PHYSICAL MEM ADR PWR, GND,CAP	A
D-CS-M854-0-RES	2		PHYSICAL MEMORY ADDRESS TERMINATORS	A
K-PC-M854-0-DBI	-		P.C. DESIGN DATA BASE TAPE	A
D-DD-5017660-0	1		DRAWING DIRECTORY, 5017660	REF

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REVISIONS

CHK	CHANGE NO.	REV.

digital

DRN. D. DELLORCO

CHK'D. D. DELLORCO

DATE 09-JUL-84

DATE 09-JUL-84

DATE 09-JUL-84

DATE 09-JUL-84

DATE 09-JUL-84

DATE 09-JUL-84

DATE 09-JUL-84

ENG. C. KACZOR

BOARD LOCATION: N/A

DATE 09-JUL-84

DATE 09-JUL-84

DATE 09-JUL-84

DATE 09-JUL-84

DATE 09-JUL-84

DATE 09-JUL-84

TITLE: M854

DRAWING DIRECTORY

SIZE D

CODE DD

NUMBER M854-0

REV. A

DSK:M854A.T2P(4,21)

FIRST USED ON OPTION/MODEL: KL10-PW

NEXT HIGHER ASSEMBLY: MCA25

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7

6

5

4

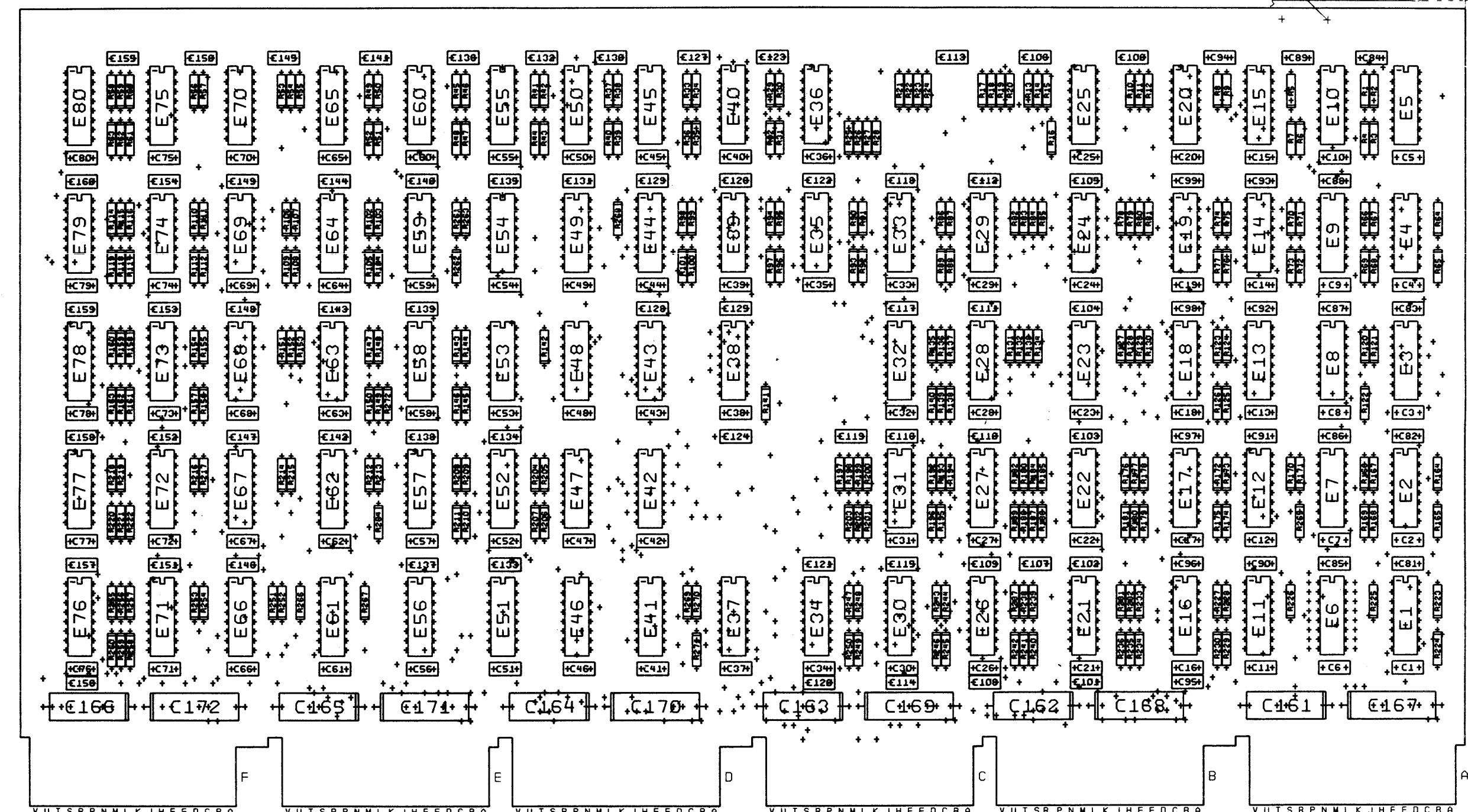
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1

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22 (QTY 12)
COMPONENT SIDE VIEW



NOTES: SPARE COMPONENT LOCATIONS
ARE: E6, R49, R72, R88, R101, R154, R195, R203, R217, R254, R197

STEP E	→ Y AXIS	0	STEP 0	TIMES
REPEAT	→ X AXIS	0	STEP 0	TIMES

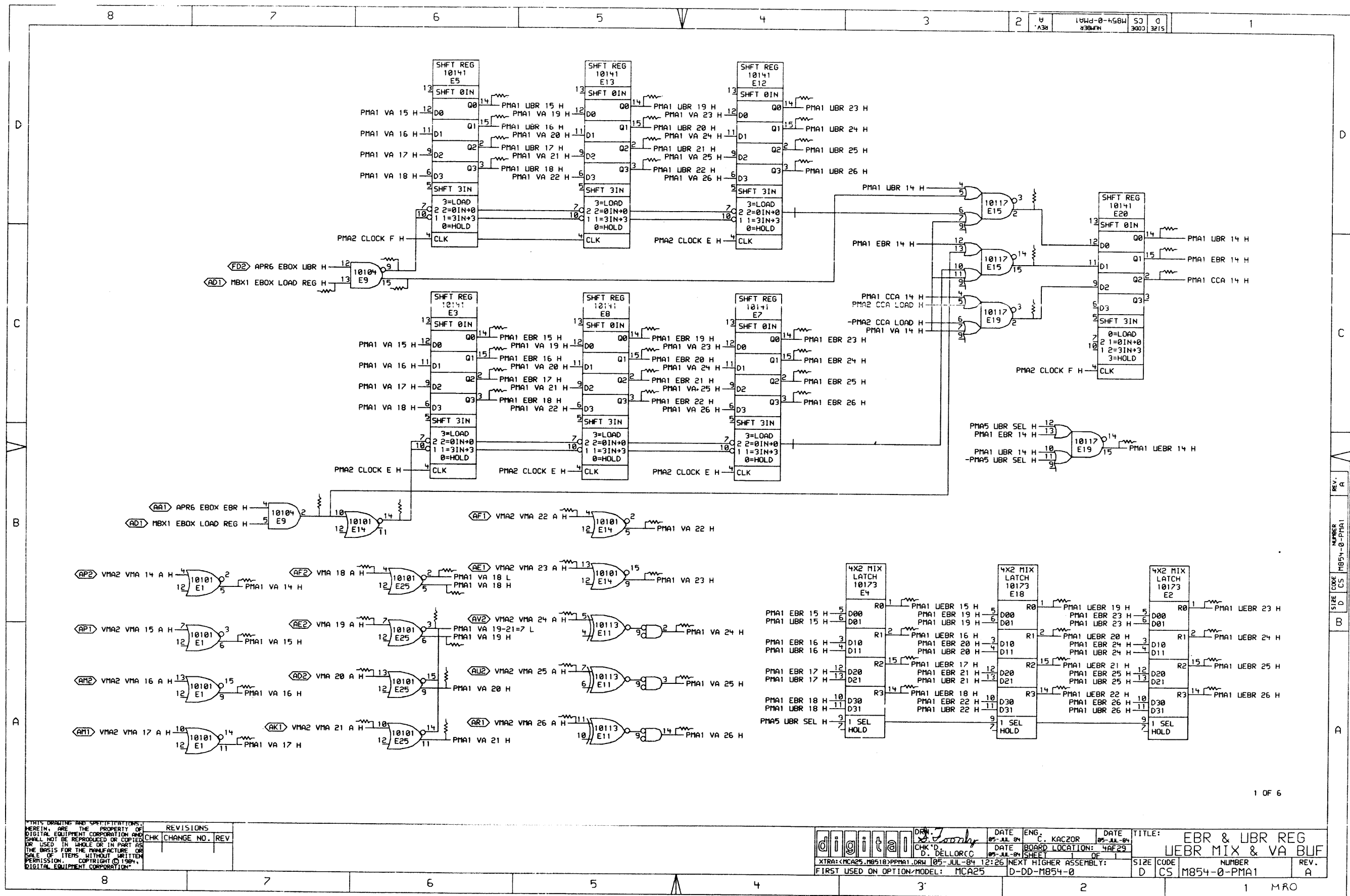
CHG	CHANGE NO	REV

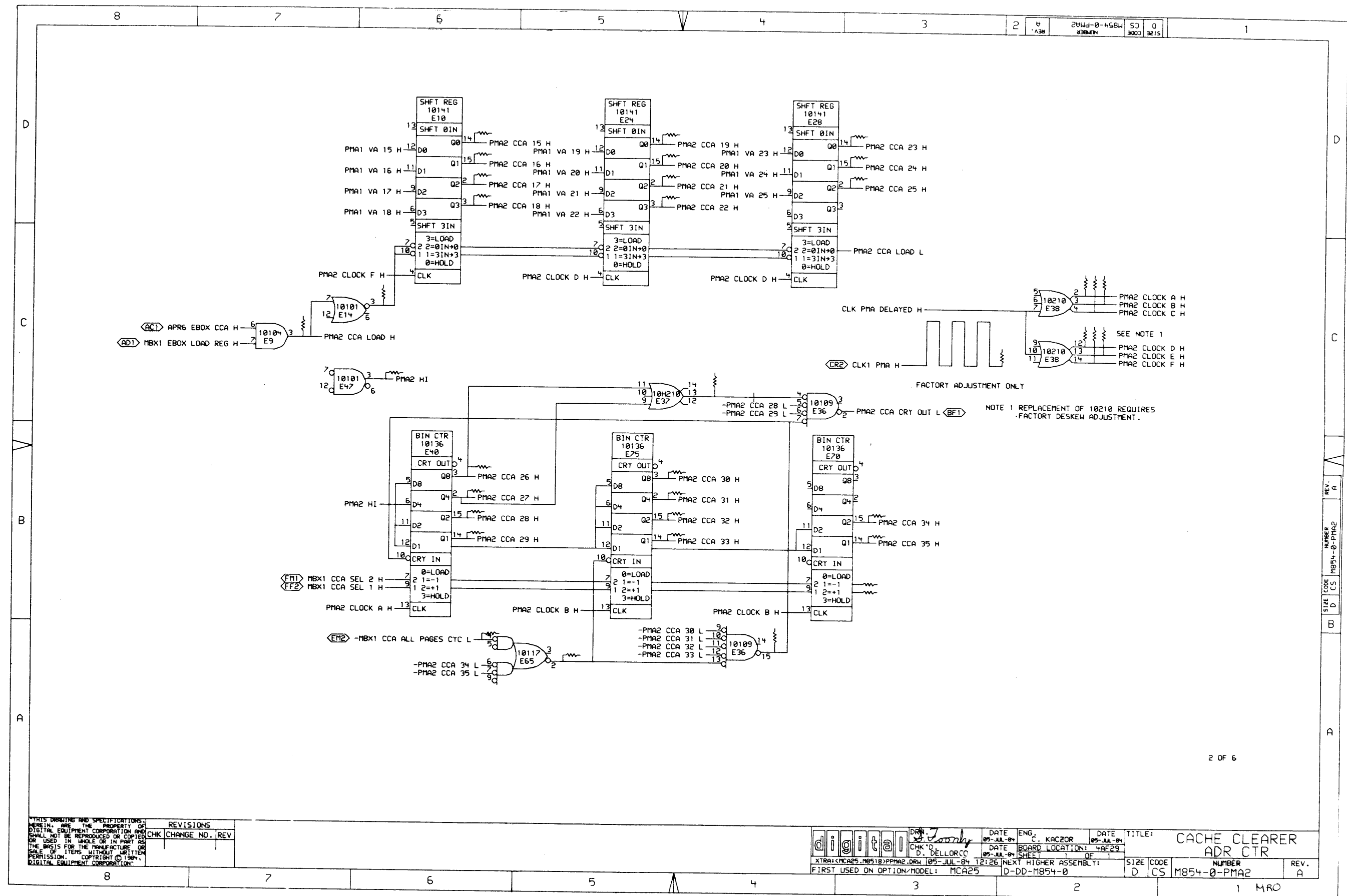
ETCH REV. A1

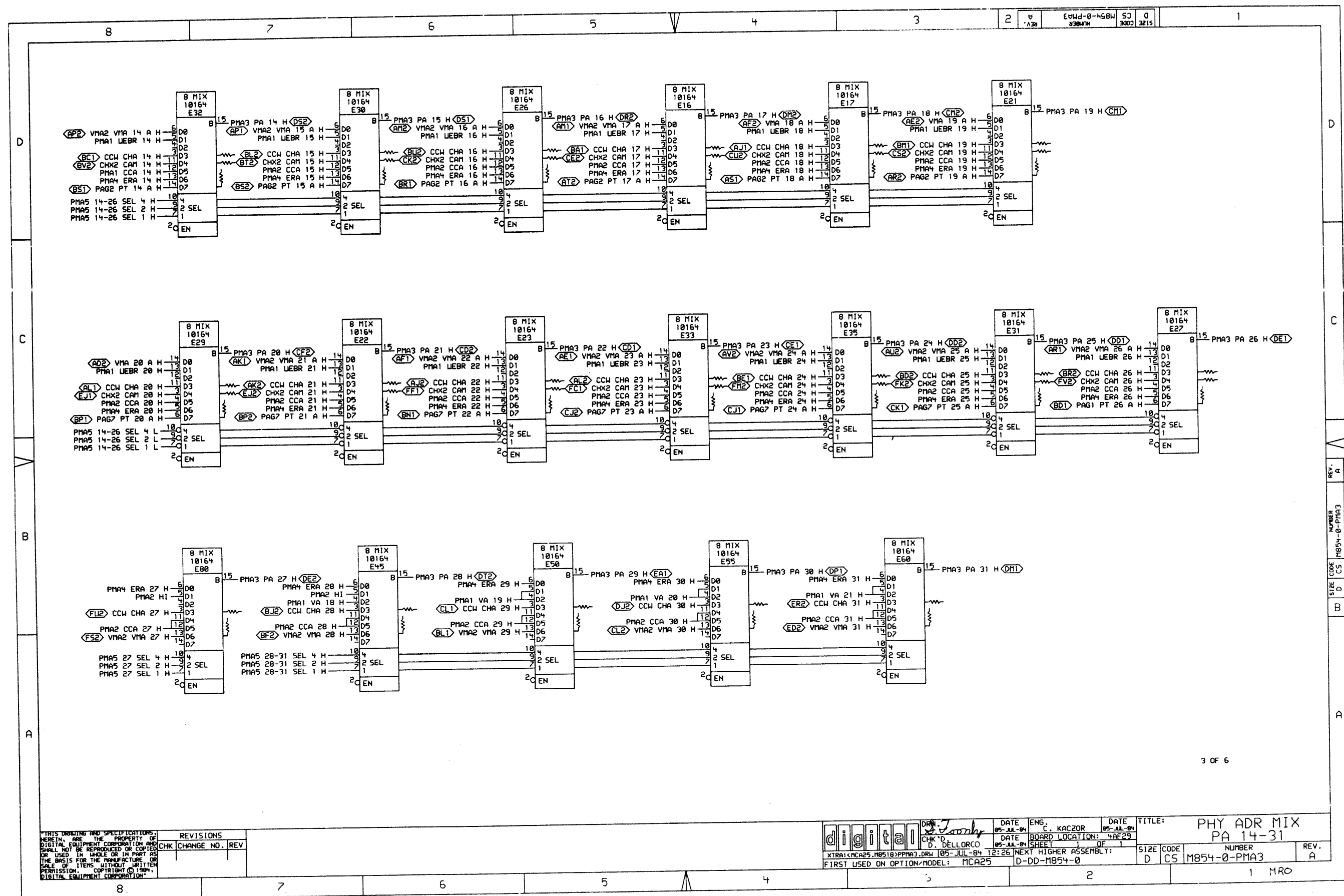
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PROJ. ENG. <i>[Signature]</i>	5/2/84
PROD. <i>[Signature]</i>	5/2/84
SCALE 2/1	
SHT. 1 OF 1	
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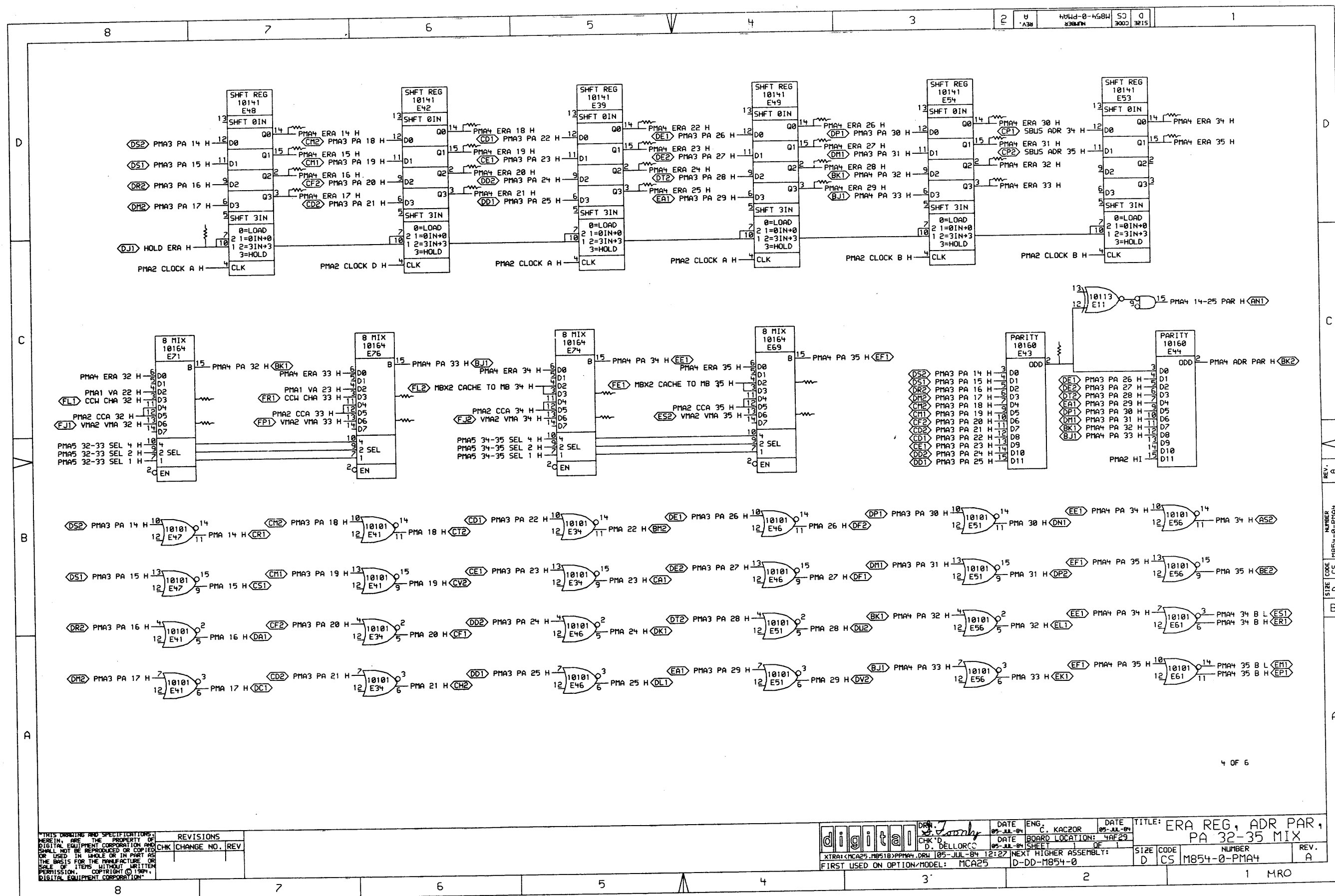
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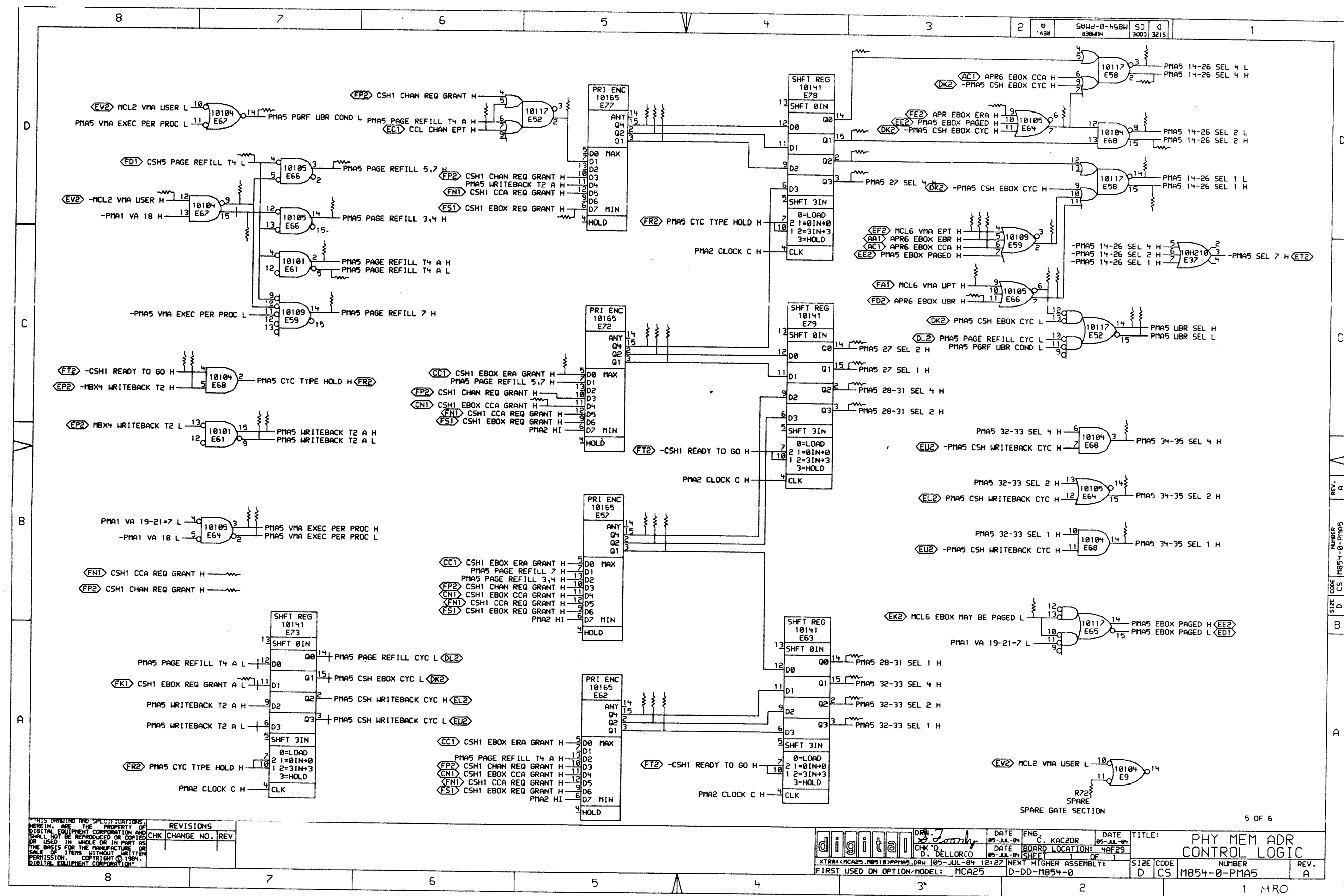
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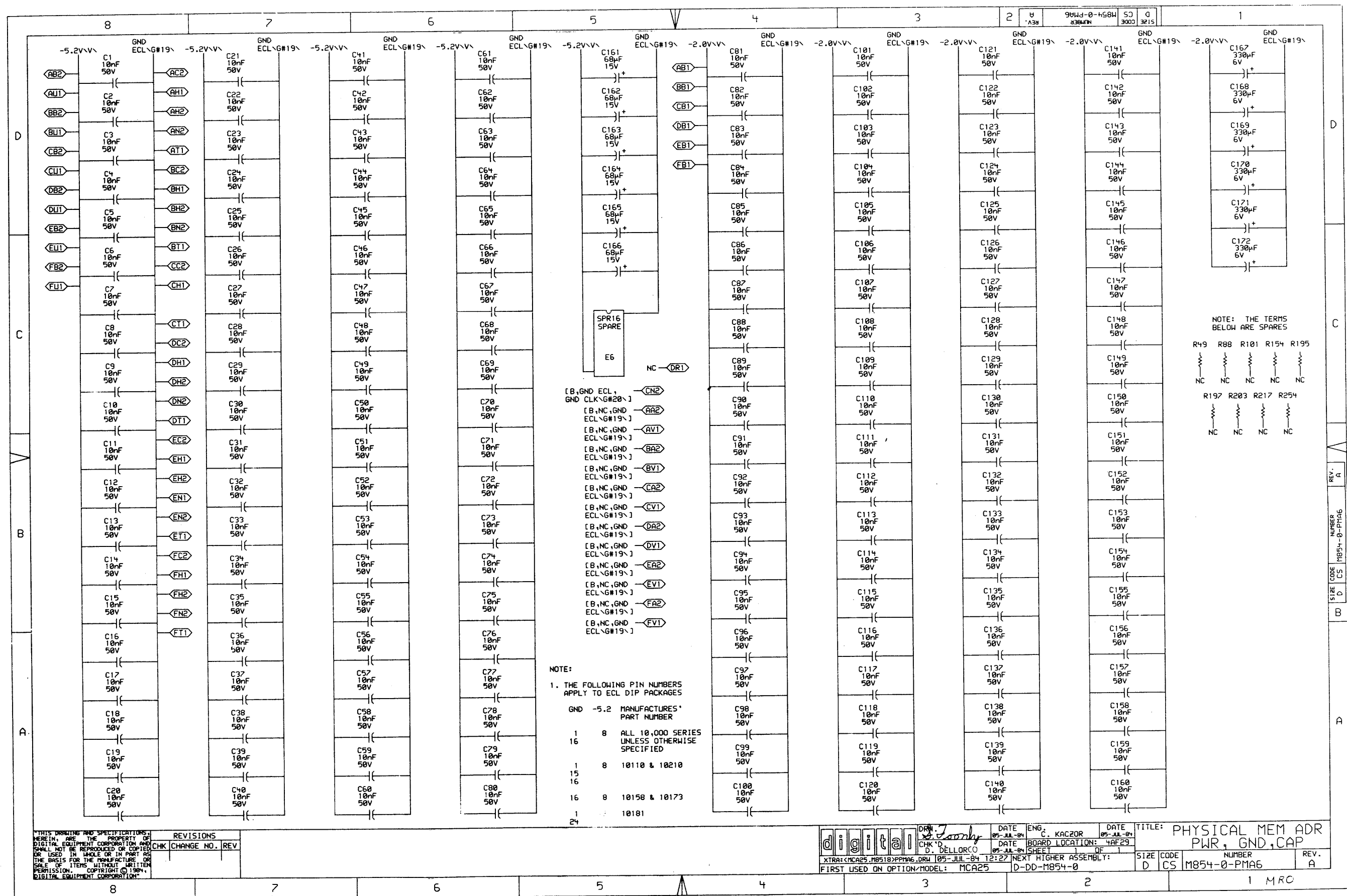












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538-0-4584

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3215

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RESISTOR LOC(PIN)	SHOWN DRW#	ON REF	VALUE	TERMINATES SIGNAL
R171(1)	PMA1	B6	68n	%E14(14)
R11(1)	PMA1	C2	68n	%E15(15)
R12(1)	PMA1	D2	68n	%E15(2)
R8(1)	PMA1	C2	68n	%E19(2)
R30(1)	PMA2	A4	68n	%E36(15)
R29(1)	PMA2	C4	68n	%E37(13)
R226(1)	PMA4	C2	68n	%E43(2)
R219(1)	PMA5	D5	68n	%E52(2)
R163(1)	PMA5	B5	68n	%E57(15)
R160(1)	PMA5	B5	68n	%E57(2)
R147(1)	PMA5	B5	68n	%E57(3)
R144(1)	PMA5	C2	68n	%E59(2)
R150(1)	PMA5	A5	68n	%E62(15)
R153(1)	PMA5	A5	68n	%E62(2)
R152(1)	PMA5	A5	68n	%E62(3)
R145(1)	PMA5	D2	68n	%E64(7)
R28(1)	PMA2	A5	68n	%E65(2)
R204(1)	PMA5	C2	68n	%E66(6)
R146(1)	PMA5	C2	68n	%E66(7)
R251(1)	PMA5	D7	68n	%E67(15)
R262(1)	PMA5	D7	68n	%E67(9)
R159(1)	PMA5	C5	68n	%E72(15)
R114(1)	PMA5	C5	68n	%E72(2)
R119(1)	PMA5	C5	68n	%E72(3)
R158(1)	PMA5	D5	68n	%E77(15)
R162(1)	PMA5	D5	68n	%E77(2)
R161(1)	PMA5	D5	68n	%E77(3)
R148(1)	PMA5	D3	68n	%E78(14)
R151(1)	PMA5	D3	68n	%E78(15)
R143(1)	PMA5	D3	68n	%E78(2)
R72(1)	PMA5	A2	68n	%E9(11)
R9(1)	PMA1	C6	68n	%E9(15)
R5(1)	PMA1	B7	68n	%E9(2)
R170(1)	PMA1	C6	68n	%E9(9)
R104(1)	PMA5	D3	68n	APR EBOX ERA H
R272(1)	PMA5	D3	68n	APR6 EBOX CCA H
R103(1)	PMA5	D3	68n	APR6 EBOX EBR H
R71(1)	PMA5	C3	68n	APR6 EBOX UBR H
R205(1)	PMA5	D6	68n	CCL CHAN EPT H
R135(1)	PMA3	D7	68n	CCW CHA 14 H

RESISTOR LOC(PIN)	SHOWN DRW#	ON REF	VALUE	TERMINATES SIGNAL
R247(1)	PMA3	D6	68n	CCW CHA 15 H
R243(1)	PMA3	D5	68n	CCW CHA 16 H
R232(1)	PMA3	D4	68n	CCW CHA 17 H
R177(1)	PMA3	D3	68n	CCW CHA 18 H
R238(1)	PMA3	D2	68n	CCW CHA 19 H
R84(1)	PMA3	C7	68n	CCW CHA 20 H
R187(1)	PMA3	C6	68n	CCW CHA 21 H
R80(1)	PMA3	C5	68n	CCW CHA 22 H
R202(1)	PMA3	C4	68n	CCW CHA 23 H
R93(1)	PMA3	C3	68n	CCW CHA 24 H
R196(1)	PMA3	C2	68n	CCW CHA 25 H
R189(1)	PMA3	C1	68n	CCW CHA 26 H
R60(1)	PMA3	B7	68n	CCW CHA 27 H
R34(1)	PMA3	B6	68n	CCW CHA 28 H
R44(1)	PMA3	B5	68n	CCW CHA 29 H
R48(1)	PMA3	B4	68n	CCW CHA 30 H
R52(1)	PMA3	B3	68n	CCW CHA 31 H
R255(1)	PMA4	C7	68n	CCW CHA 32 H
R218(1)	PMA4	C6	68n	CCW CHA 33 H
R89(1)	PMA3	D7	68n	CHX2 CAM 14 H
R245(1)	PMA3	D6	68n	CHX2 CAM 15 H
R241(1)	PMA3	D5	68n	CHX2 CAM 16 H
R230(1)	PMA3	D4	68n	CHX2 CAM 17 H
R175(1)	PMA3	D3	68n	CHX2 CAM 18 H
R234(1)	PMA3	D2	68n	CHX2 CAM 19 H
R19(1)	PMA3	C7	68n	CHX2 CAM 20 H
R183(1)	PMA3	C6	68n	CHX2 CAM 21 H
R81(1)	PMA3	C5	68n	CHX2 CAM 22 H
R23(1)	PMA3	C4	68n	CHX2 CAM 23 H
R97(1)	PMA3	C3	68n	CHX2 CAM 24 H
R92(1)	PMA3	C2	68n	CHX2 CAM 25 H
R198(1)	PMA3	C1	68n	CHX2 CAM 26 H
R141(1)	PMA2	C2	68n	CLK1 PMA H
R210(1)	PMA5	B7	68n	CSH1 CCA REQ GRANT H
R209(1)	PMA5	B7	68n	CSH1 CHAN REQ GRANT H
R211(1)	PMA5	C5	68n	CSH1 EBOX CCA GRANT H
R213(1)	PMA5	C5	68n	CSH1 EBOX ERA GRANT H
R212(1)	PMA5	D5	68n	CSH1 EBOX REQ GRANT H
R157(1)	PMA5	A7	68n	-CSH1 EBOX REQ GRANT A H
R149(1)	PMA5	C8	68n	-CSH1 READY TO GO H

RESISTOR LOC(PIN)	SHOWN DRW#	ON REF	VALUE	TERMINATES SIGNAL
R263(1)	PMA5	D7	68n	-CSH5 PAGE REFILL T4 H
R100(1)	PMA4	C7	68n	HOLD ERA H
R54(1)	PMA2	A6	68n	MBX1 CCA ALL PAGES CYC H
R32(1)	PMA2	B3	68n	MBX1 CCA SEL 1 H
R99(1)	PMA2	B3	68n	MBX1 CCA SEL 2 H
R70(1)	PMA1	C7	68n	MBX1 EBOX LOAD REG H
R115(1)	PMA4	C5	68n	MBX2 CACHE TO MB 34 H
R111(1)	PMA4	C4	68n	MBX2 CACHE TO MB 35 H
R155(1)	PMA5	C7	68n	-MBX4 WRITEBACK T2 H
R73(1)	PMA5	D8	68n	-MCL2 VMA USER H
R55(1)	PMA5	B2	68n	-MCL6 EBOX MAY BE PAGED H
R102(1)	PMA5	D3	68n	MCL6 VMA EPT H
R252(1)	PMA5	C3	68n	MCL6 VMA UPT H
R49(1)	PMA6	C1	68n	NC
R88(1)	PMA6	C1	68n	NC
R101(1)	PMA6	C1	68n	NC
R154(1)	PMA6	C1	68n	NC
R195(1)	PMA6	C1	68n	NC
R197(1)	PMA6	C1	68n	NC
R203(1)	PMA6	C1	68n	NC
R217(1)	PMA6	C1	68n	NC
R254(1)	PMA6	C1	68n	NC
R140(1)	PMA3	C1	68n	PAG1 PT 26 A H
R137(1)	PMA3	D7	68n	PAG2 PT 14 A H
R249(1)	PMA3	D6	68n	PAG2 PT 15 A H
R237(1)	PMA3	D5	68n	PAG2 PT 16 A H
R228(1)	PMA3	D4	68n	PAG2 PT 17 A H
R173(1)	PMA3	D3	68n	PAG2 PT 18 A H
R231(1)	PMA3	D2	68n	PAG2 PT 19 A H
R83(1)	PMA3	C7	68n	PAG7 PT 20 A H
R186(1)	PMA3	C6	68n	PAG7 PT 21 A H
R133(1)	PMA3	C5	68n	PAG7 PT 22 A H
R21(1)	PMA3	C4	68n	PAG7 PT 23 A H
R96(1)	PMA3	C3	68n	PAG7 PT 24 A H
R201(1)	PMA3	C2	68n	PAG7 PT 25 A H
R86(1)	PMA1	C2	68n	PMA1 CCA 14 H
R75(1)	PMA1	C2	68n	PMA1 EBR 14 H
R69(1)	PMA1	C6	68n	PMA1 EBR 15 H
R66(1)	PMA1	C6	68n	PMA1 EBR 16 H
R65(1)	PMA1	C6	68n	PMA1 EBR 17 H

RESISTOR LOC(PIN)	SHOWN DRW#	ON REF	VALUE	TERMINATES SIGNAL
R120(1)	PMA1	C6	68n	PMA1 EBR 18 H
R130(1)	PMA1	C5	68n	PMA1 EBR 19 H
R127(1)	PMA1	C5	68n	PMA1 EBR 20 H
R123(1)	PMA1	C5	68n	PMA1 EBR 21 H
R125(1)	PMA1	C5	68n	PMA1 EBR 22 H
R169(1)	PMA1	C4	68n	PMA1 EBR 23 H
R166(1)	PMA1	C4	68n	PMA1 EBR 24 H
R165(1)	PMA1	C4	68n	PMA1 EBR 25 H
R225(1)	PMA1	C4	68n	PMA1 EBR 26 H
R76(1)	PMA1	D2	68n	PMA1 UBR 14 H
R68(1)	PMA1	D6	68n	PMA1 UBR 15 H
R67(1)	PMA1	D6	68n	PMA1 UBR 16 H
R64(1)	PMA1	D6	68n	PMA1 UBR 17 H
R122(1)	PMA1	D6	68n	PMA1 UBR 18 H
R129(1)	PMA1	D5	68n	PMA1 UBR 19 H
R128(1)	PMA1	D5	68n	PMA1 UBR 20 H
R124(1)	PMA1	D5	68n	PMA1 UBR 21 H
R126(1)	PMA1	D5	68n	PMA1 UBR 22 H
R168(1)	PMA1	D4	68n	PMA1 UBR 23 H
R167(1)	PMA1	D4	68n	PMA1 UBR 24 H
R164(1)	PMA1	D4	68n	PMA1 UBR 25 H
R224(1)	PMA1	D4	68n	PMA1 UBR 26 H
R138(1)	PMA1	B2	68n	PMA1 UEBR 14 H
R248(1)	PMA1	B3	68n	PMA1 UEBR 15 H
R244(1)	PMA1	A3	68n	PMA1 UEBR 16 H
R233(1)	PMA1	A3	68n	PMA1 UEBR 17 H
R178(1)	PMA1	A3	68n	PMA1 UEBR 18 H
R239(1)	PMA1	B2	68n	PMA1 UEBR 19 H
R85(1)	PMA1	A2	68n	PMA1 UEBR 20 H
R176(1)	PMA1	A2	68n	PMA1 UEBR 21 H
R79(1)	PMA1	A2	68n	PMA1 UEBR 22 H
R18(1)	PMA1	B1	68n	PMA1 UEBR 23 H
R98(1)	PMA1	A1	68n	PMA1 UEBR 24 H
R193(1)	PMA1	A1	68n	PMA1 UEBR 25 H
R188(1)	PMA1	A1	68n	PMA1 UEBR 26 H
R7(1)	PMA1	B7	68n	PMA1 VA 14 H
R6(1)	PMA1	A7	68n	PMA1 VA 15 H
R1(1)	PMA1	A7	68n	PMA1 VA 16 H
R3(1)	PMA1	A7	68n	PMA1 VA 17 H
R105(1)	PMA1	B6	68n	PMA1 VA 18 H

NOTE:

1. ALL TERMINATORS HAVE PIN TWO CONNECTED TO -2.0V AND ARE 5% 1/4WATT UNLESS OTHERWISE SPECIFIED
2. ENTRIES ARE SORTED BY SIGNAL NAME
3. % INDICATES OUTPUT OF DIP LOC AND () INDICATES PIN NUMBER

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REVISIONS
CHK CHANGE NO. REV

digital

DATE: 05-JUL-84
CHK'D: D. DELLORCO

ENG. C. KACZOR
DATE: 05-JUL-84
BOARD LOCATION: 4AF25
SHEET 1 OF 2

TITLE: PHYSICAL MEMORY
ADDRESS--TERMINATORS

XTRA: MCA25.MB518.MB541.DRW 105-JUL-84 12:28
FIRST USED ON OPTION/MODEL: MCA25

NEXT HIGHER ASSEMBLY:
D-DD-MB54-0

SIZE CODE D CS
NUMBER M854-0-RES
REV. A

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M80

RESISTOR LOC(PIN)	SHOWN DRW#	ON REF	VALUE	TERMINATES SIGNAL
R215(1)	PMA1	B6	68n	-PMA1 VA 18 H
R42(1)	PMA1	A6	68n	PMA1 VA 19 H
R107(1)	PMA1	A6	68n	-PMA1 VA 19-21=7 H
R46(1)	PMA1	A6	68n	PMA1 VA 20 H
R50(1)	PMA1	A6	68n	PMA1 VA 21 H
R256(1)	PMA1	B5	68n	PMA1 VA 22 H
R222(1)	PMA1	B5	68n	PMA1 VA 23 H
R87(1)	PMA1	B4	68n	PMA1 VA 24 H
R131(1)	PMA1	A4	68n	PMA1 VA 25 H
R265(1)	PMA1	A4	68n	PMA1 VA 26 H
R246(1)	PMA2	D6	68n	PMA2 CCA 15 H
R240(1)	PMA2	D6	68n	PMA2 CCA 16 H
R229(1)	PMA2	D6	68n	PMA2 CCA 17 H
R174(1)	PMA2	D6	68n	PMA2 CCA 18 H
R236(1)	PMA2	D5	68n	PMA2 CCA 19 H
R20(1)	PMA2	D5	68n	PMA2 CCA 20 H
R184(1)	PMA2	D5	68n	PMA2 CCA 21 H
R132(1)	PMA2	D5	68n	PMA2 CCA 22 H
R24(1)	PMA2	D3	68n	PMA2 CCA 23 H
R94(1)	PMA2	D3	68n	PMA2 CCA 24 H
R199(1)	PMA2	D3	68n	PMA2 CCA 25 H
R194(1)	PMA2	B6	68n	PMA2 CCA 26 H
R58(1)	PMA2	B6	68n	PMA2 CCA 27 H
R36(1)	PMA2	B6	68n	PMA2 CCA 28 H
R37(1)	PMA2	B6	68n	PMA2 CCA 29 H
R31(1)	PMA2	B5	68n	PMA2 CCA 30 H
R25(1)	PMA2	B5	68n	PMA2 CCA 31 H
R26(1)	PMA2	B5	68n	PMA2 CCA 32 H
R27(1)	PMA2	B5	68n	PMA2 CCA 33 H
R113(1)	PMA2	B3	68n	PMA2 CCA 34 H
R109(1)	PMA2	B3	68n	PMA2 CCA 35 H
R74(1)	PMA2	C7	68n	PMA2 CCA LOAD H
R4(1)	PMA2	C6	68n	-PMA2 CCA LOAD H
R142(1)	PMA2	C2	68n	PMA2 CLOCK A H
R56(1)	PMA2	C2	68n	PMA2 CLOCK B H
R63(1)	PMA2	C2	68n	PMA2 CLOCK C H
R16(1)	PMA2	C2	68n	PMA2 CLOCK D H
R121(1)	PMA2	C2	68n	PMA2 CLOCK E H
R2(1)	PMA2	C2	68n	PMA2 CLOCK F H
R268(1)	PMA2	C6	68n	PMA2 HI

NOTE:

1. ALL TERMINATORS HAVE PIN TWO CONNECTED TO -2.0V AND ARE 5% 1/4WATT UNLESS OTHERWISE SPECIFIED
2. ENTRIES ARE SORTED BY SIGNAL NAME
3. % INDICATES OUTPUT OF DIP LOC AND (<) INDICATES PIN NUMBER

RESISTOR LOC(PIN)	SHOWN DRW#	ON REF	VALUE	TERMINATES SIGNAL
R136(1)	PMA4	D7	68n	PMA4 ERA 14 H
R250(1)	PMA4	D7	68n	PMA4 ERA 15 H
R242(1)	PMA4	D7	68n	PMA4 ERA 16 H
R227(1)	PMA4	D7	68n	PMA4 ERA 17 H
R172(1)	PMA4	D6	68n	PMA4 ERA 18 H
R235(1)	PMA4	D6	68n	PMA4 ERA 19 H
R82(1)	PMA4	D6	68n	PMA4 ERA 20 H
R185(1)	PMA4	D6	68n	PMA4 ERA 21 H
R134(1)	PMA4	D5	68n	PMA4 ERA 22 H
R22(1)	PMA4	D5	68n	PMA4 ERA 23 H
R95(1)	PMA4	D5	68n	PMA4 ERA 24 H
R200(1)	PMA4	D5	68n	PMA4 ERA 25 H
R139(1)	PMA4	D4	68n	PMA4 ERA 26 H
R61(1)	PMA4	D4	68n	PMA4 ERA 27 H
R39(1)	PMA4	D4	68n	PMA4 ERA 28 H
R43(1)	PMA4	D4	68n	PMA4 ERA 29 H
R47(1)	PMA4	D3	68n	PMA4 ERA 30 H
R51(1)	PMA4	D3	68n	PMA4 ERA 31 H
R257(1)	PMA4	D3	68n	PMA4 ERA 32 H
R221(1)	PMA4	D3	68n	PMA4 ERA 33 H
R116(1)	PMA4	D1	68n	PMA4 ERA 34 H
R108(1)	PMA4	D1	68n	PMA4 ERA 35 H
R181(1)	PMA5	D2	68n	PMA5 14-26 SEL 1 H
R271(1)	PMA5	D2	68n	-PMA5 14-26 SEL 1 H
R180(1)	PMA5	D2	68n	PMA5 14-26 SEL 2 H
R270(1)	PMA5	D2	68n	-PMA5 14-26 SEL 2 H
R179(1)	PMA5	D2	68n	PMA5 14-26 SEL 4 H
R269(1)	PMA5	D2	68n	-PMA5 14-26 SEL 4 H
R62(1)	PMA5	C3	68n	PMA5 27 SEL 1 H
R53(1)	PMA5	C3	68n	PMA5 27 SEL 2 H
R57(1)	PMA5	D3	68n	PMA5 27 SEL 4 H
R40(1)	PMA5	A3	68n	PMA5 28-31 SEL 1 H
R90(1)	PMA5	C3	68n	PMA5 28-31 SEL 2 H
R35(1)	PMA5	C3	68n	PMA5 28-31 SEL 4 H
R220(1)	PMA5	A3	68n	PMA5 32-33 SEL 1 H
R258(1)	PMA5	A3	68n	PMA5 32-33 SEL 2 H
R259(1)	PMA5	A3	68n	PMA5 32-33 SEL 4 H
R117(1)	PMA5	B2	68n	PMA5 34-35 SEL 1 H
R118(1)	PMA5	B2	68n	PMA5 34-35 SEL 2 H
R112(1)	PMA5	B2	68n	PMA5 34-35 SEL 4 H

RESISTOR LOC(PIN)	SHOWN DRW#	ON REF	VALUE	TERMINATES SIGNAL
R208(1)	PMA5	D7	68n	PMA5 PAGE REFILL 3,4 H
R216(1)	PMA5	D7	68n	PMA5 PAGE REFILL 5,7 H
R264(1)	PMA5	C7	68n	PMA5 PAGE REFILL 7 H
R206(1)	PMA5	C7	68n	PMA5 PAGE REFILL T4 A H
R266(1)	PMA5	C7	68n	-PMA5 PAGE REFILL T4 A H
R207(1)	PMA5	D7	68n	-PMA5 PGRF UBR COND H
R223(1)	PMA5	C2	68n	PMA5 UBR SEL H
R77(1)	PMA5	C2	68n	-PMA5 UBR SEL H
R261(1)	PMA5	B7	68n	PMA5 VMA EXEC PER PROC H
R214(1)	PMA5	B7	68n	-PMA5 VMA EXEC PER PROC H
R156(1)	PMA5	B7	68n	PMA5 WRITEBACK T2 A H
R267(1)	PMA5	B7	68n	-PMA5 WRITEBACK T2 A H
R13(1)	PMA1	B6	68n	VMA 18 A H
R14(1)	PMA1	B6	68n	VMA 19 A H
R10(1)	PMA1	A6	68n	VMA 20 A H
R15(1)	PMA1	A6	68n	VMA2 VMA 21 A H
R78(1)	PMA1	B5	68n	VMA2 VMA 22 A H
R17(1)	PMA1	B5	68n	VMA2 VMA 23 A H
R91(1)	PMA1	B5	68n	VMA2 VMA 24 A H
R192(1)	PMA1	A5	68n	VMA2 VMA 25 A H
R182(1)	PMA1	A5	68n	VMA2 VMA 26 A H
R59(1)	PMA3	A7	68n	VMA2 VMA 27 H
R33(1)	PMA3	A6	68n	VMA2 VMA 28 H
R38(1)	PMA3	A5	68n	VMA2 VMA 29 H
R41(1)	PMA3	A4	68n	VMA2 VMA 30 H
R45(1)	PMA3	A3	68n	VMA2 VMA 31 H
R253(1)	PMA4	C7	68n	VMA2 VMA 32 H
R260(1)	PMA4	C6	68n	VMA2 VMA 33 H
R110(1)	PMA4	C5	68n	VMA2 VMA 34 H
R106(1)	PMA4	C4	68n	VMA2 VMA 35 H

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REVISIONS
CHK CHANGE NO. REV

digital	DATE 05-JUL-84	ENG. C. KACZOR	DATE 05-JUL-84	TITLE: PHYSICAL MEMORY ADDRESS--TERMINATORS
	CHK'D D. DELLORCO	DATE 05-JUL-84	BOARD LOCATION: 4AF29	
XTRA1:MCA25.M8518:M8542.DRW 105-JUL-84 12:28		NEXT HIGHER ASSEMBLY: D-DD-M854-0		
FIRST USED ON OPTION/MODEL: MCA25				
SIZE D	CODE CS	NUMBER M854-0-RES	REV. A	

MRO

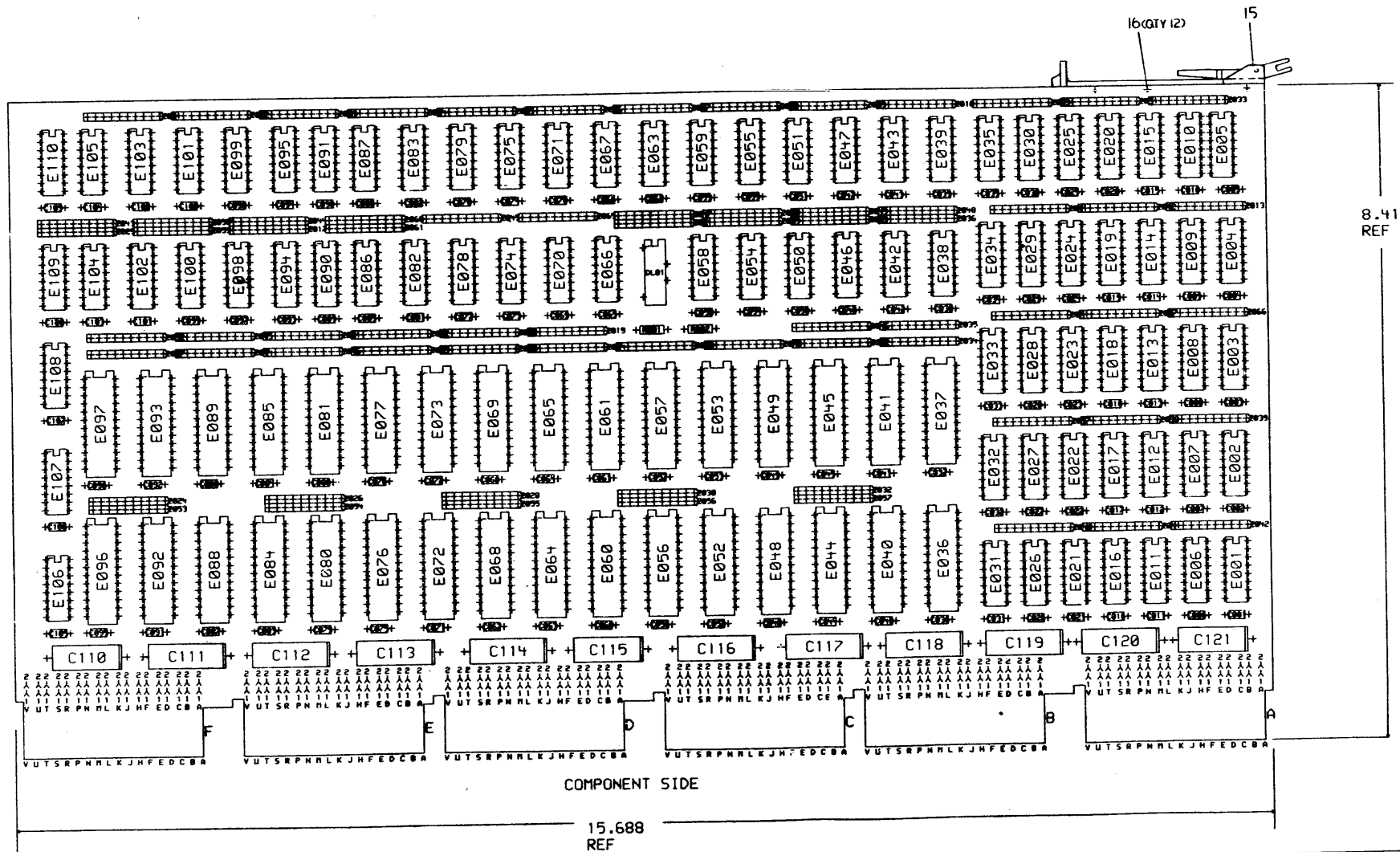
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E-UA-M855-0-0	1	M855-00	MODULE REVISION	A1
K-PL-M855-0-DBP	2		PAG	A1
D-CS-M855-0-PAG1	1		PART LIST, M855	A1
D-CS-M855-0-PAG2	1		PAGE TABLE DATA PT ACCESS-PT 17	A1
D-CS-M855-0-PAG3	1		PAGE TABLE DATA PT 16 - PT 26	A1
D-CS-M855-0-PAG4	1		PAGE TABLE DIRECTORY	A1
D-CS-M855-0-PAG5	1		PAGE TABLE CONTROL LOGIC	A1
D-CS-M855-0-PAG6	1		PAGE TABLE PARITY LOGIC	A1
D-CS-M855-0-PAG7	1		PAGING KEEP BIT SELECTION	A1
D-CS-M855-0-PAG8	1		PAGE TABLE DATA PT 20 - 25	A1
D-CS-M855-0-PAG9	1		PAGE TABLE VALID BIT SELECTION	A1
D-CS-M855-0-PAGA	1		PAGE TABLE 1 DIRECTORY	A1
D-CS-M855-0-PAGB	1		PAGING BOARD POWER, GND, CAP	A1
D-CS-M855-0-RES	3		PAGING BOARD GND	A1
			PAG TERMINATORS	A1
K-PC-M855-0-DBM	-		MULTIWIRE DESIGN DATA BASE TAPE	A1
D-DD-5017661-0	2		DRAWING DIRECTORY, 5017661	REF

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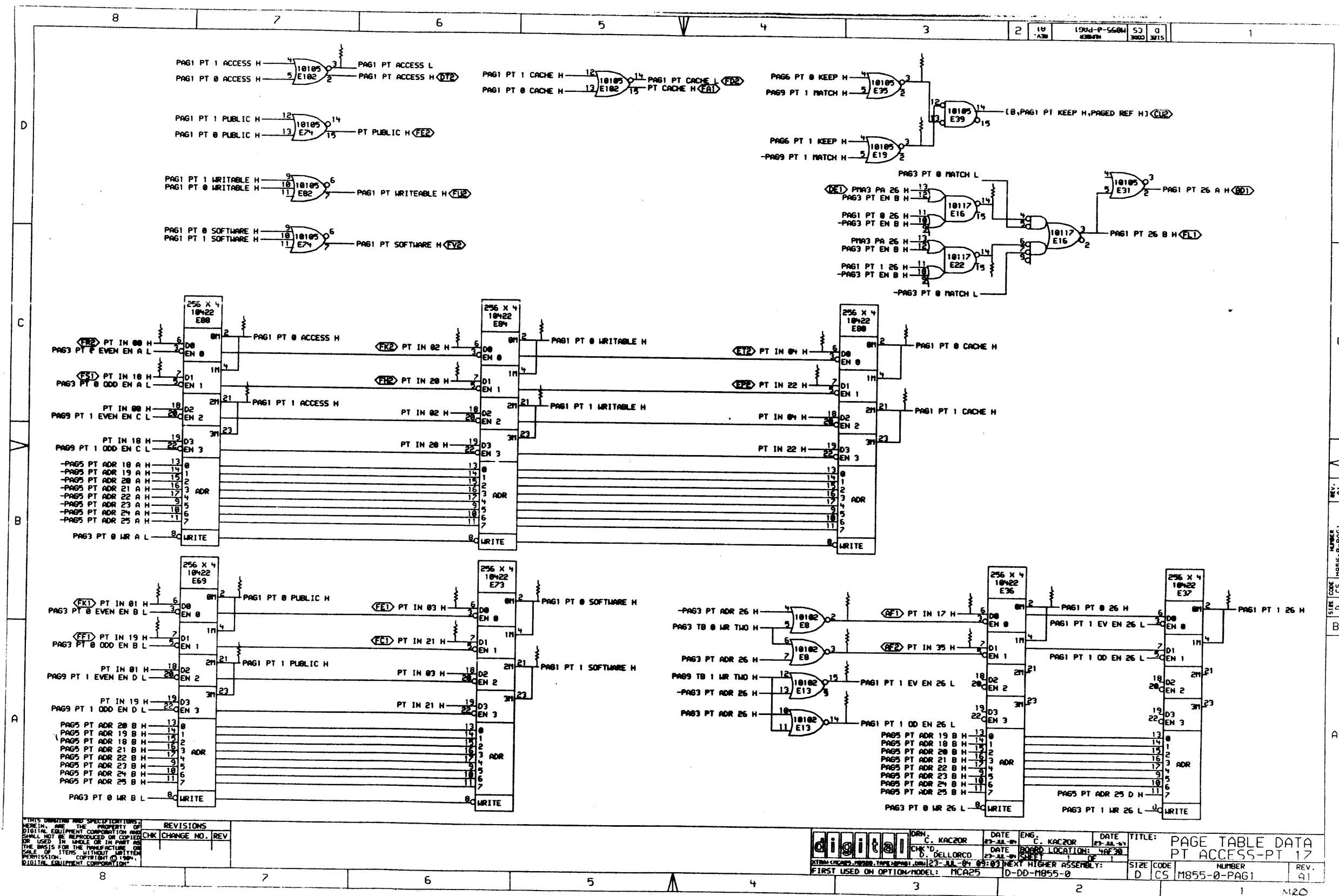
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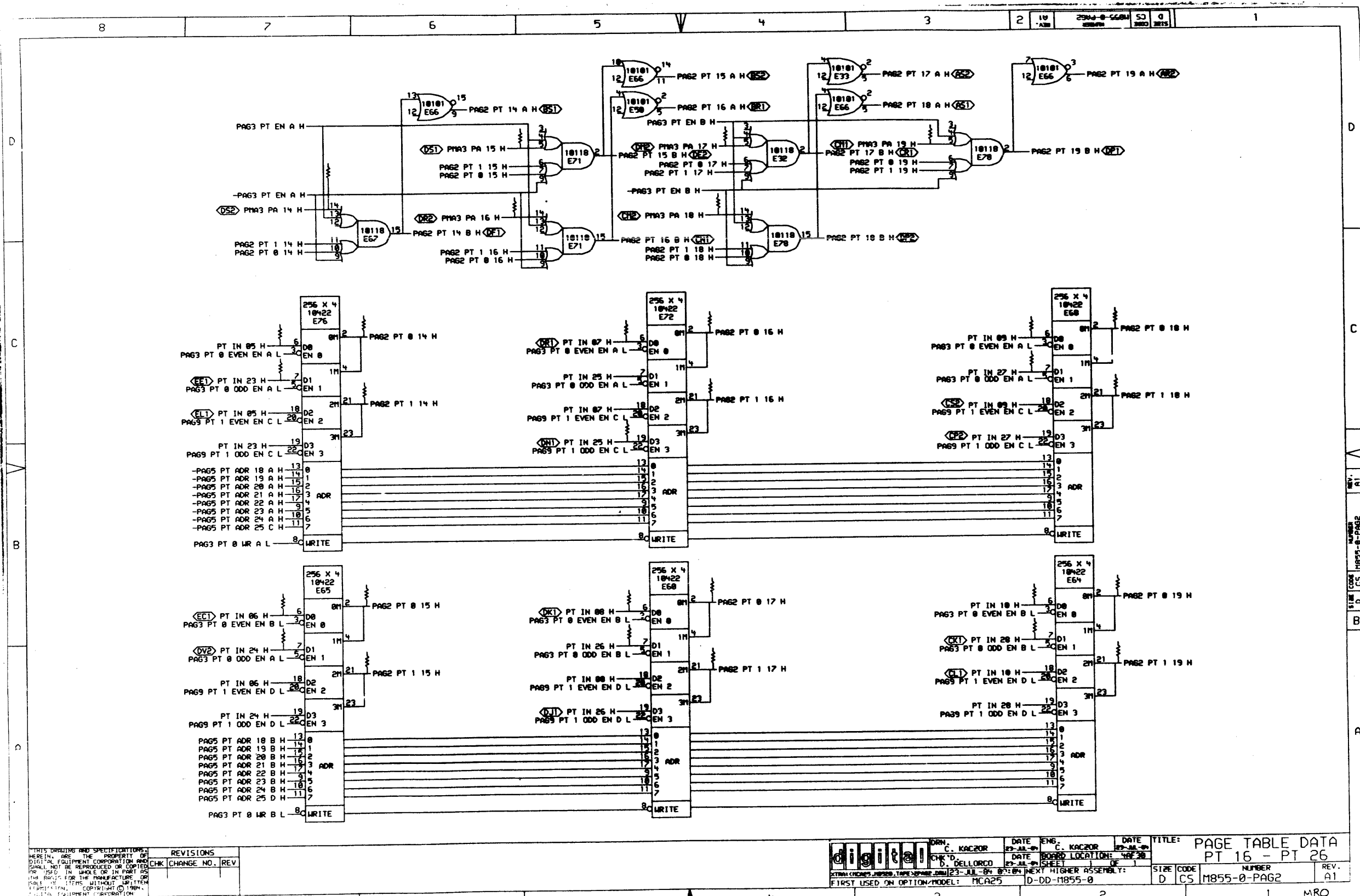
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	CHK'D D. DELLORCO	DATE 19-JUL-84	BOARD LOCATION: N/A	SHEET 1 OF 2	DRAWING DIRECTORY
DSK:M855A1.T2PL4.211			NEXT HIGHER ASSEMBLY:		SIZE CODE D DD
FIRST USED ON OPTION/MODEL: MCA25			KL10-PW		NUMBER M855-0
					REV. A

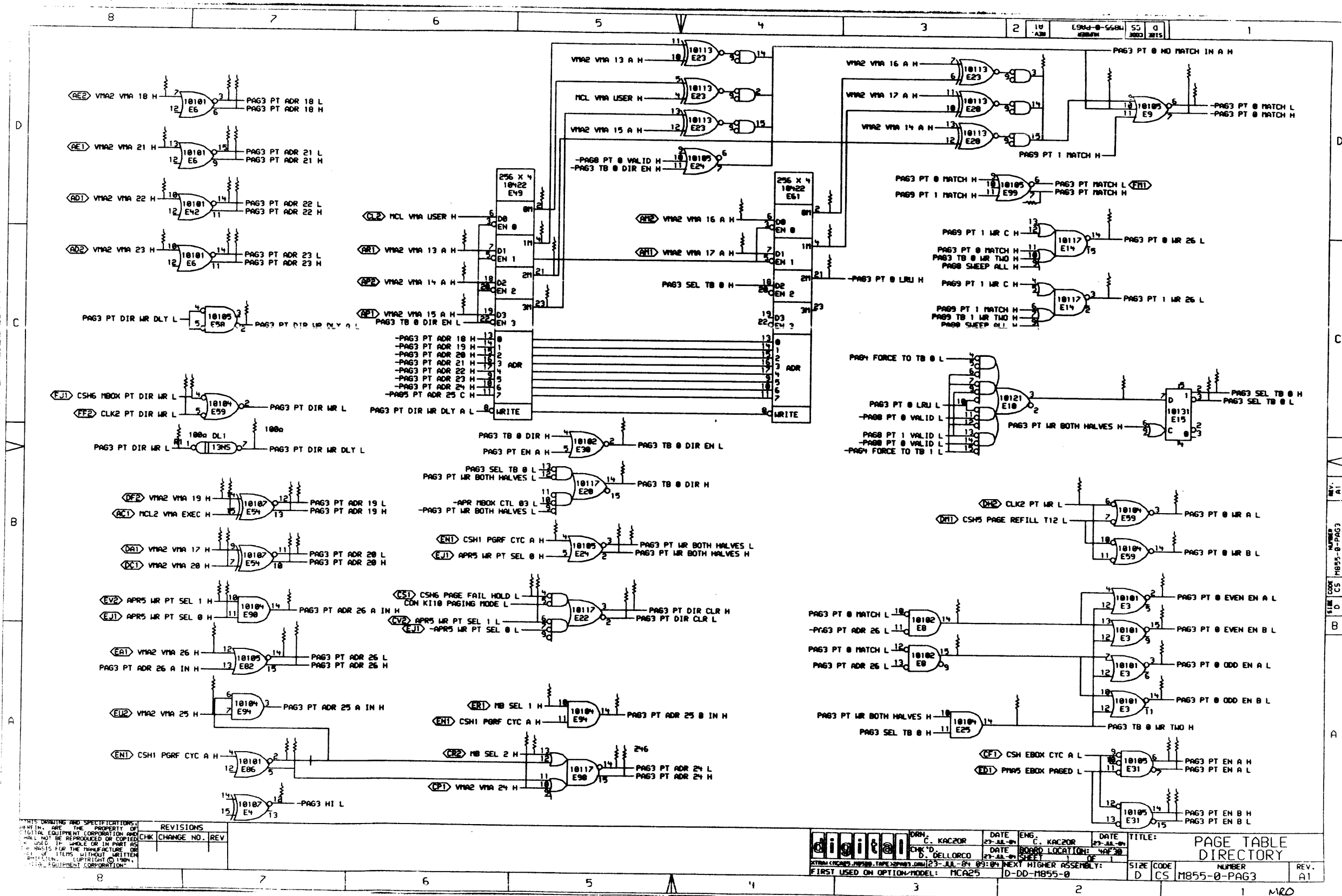
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2. SPARE COMPONENT LOCATIONS ARE: E12, E43, E103, E105.

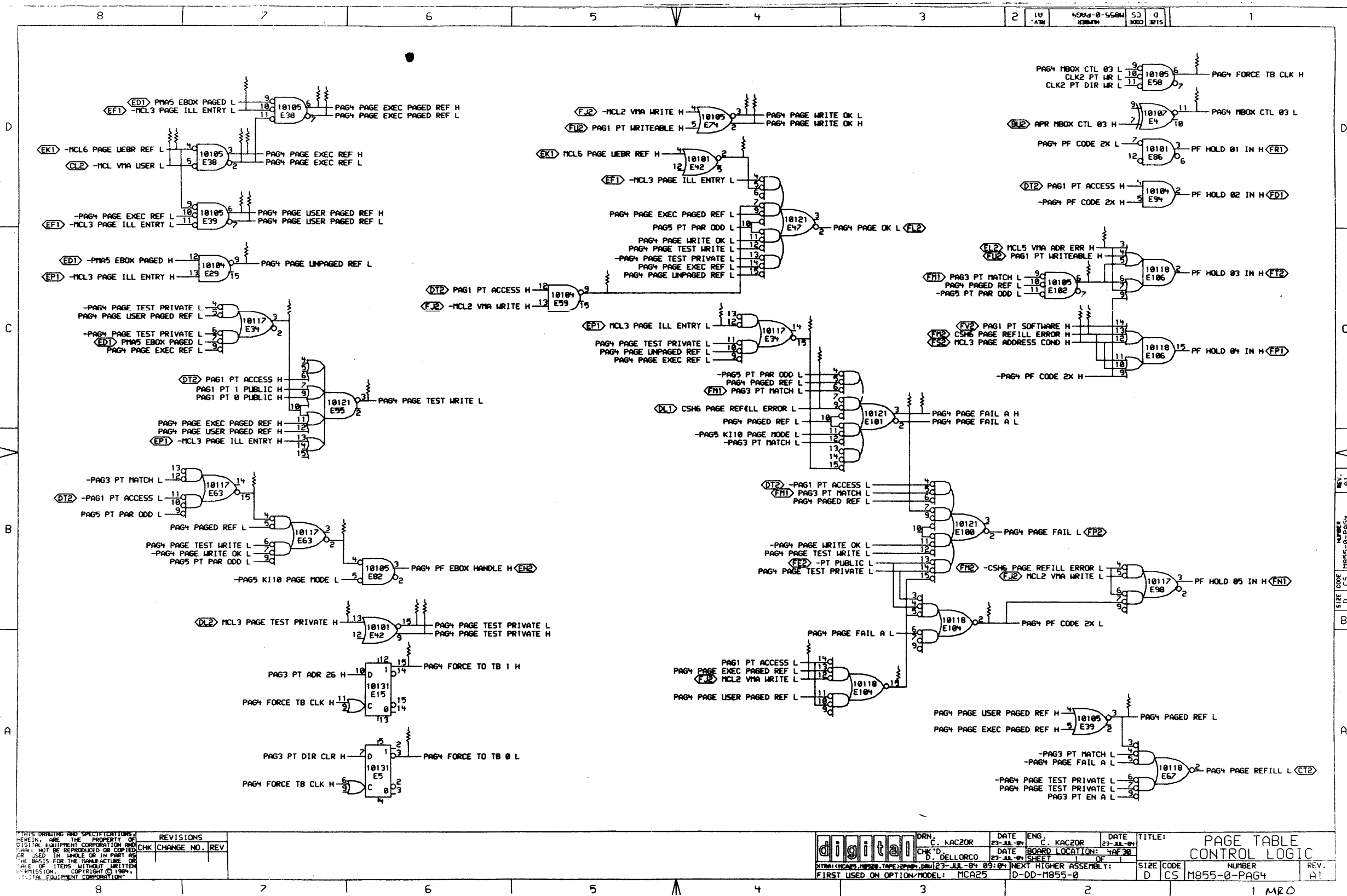


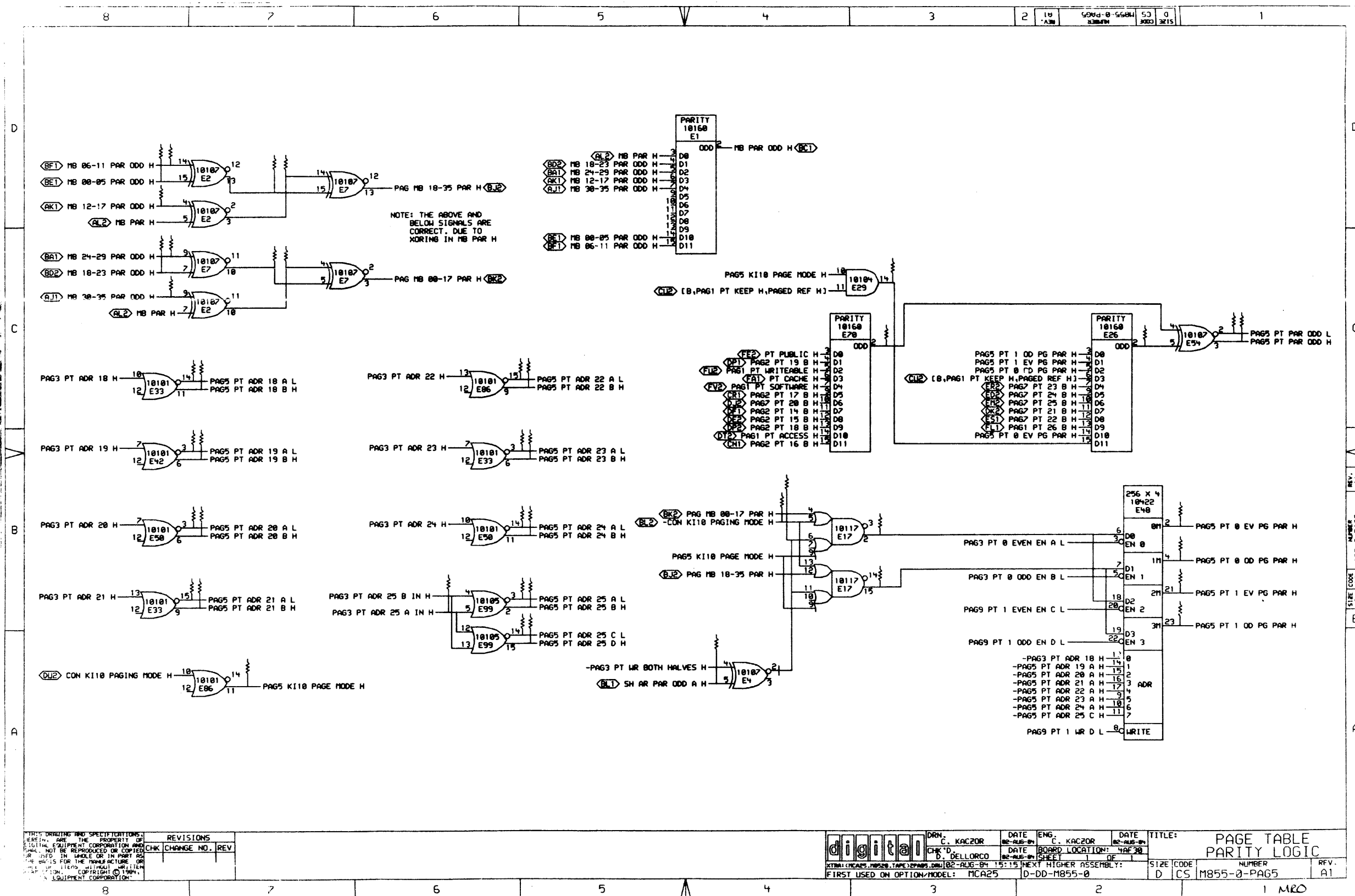
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REP. CHG.	C. K. K.	DATE	7-28-84	SIZE/SCALE NUMBER	1/1	
REV. CHG.	C. K. K.	DATE	26 July 84	EUA	MB55-0 0	
NEXT HIGHER DOD	0-00-MB55-0	SCALE	2 / 1	SHEET	1 of 1	

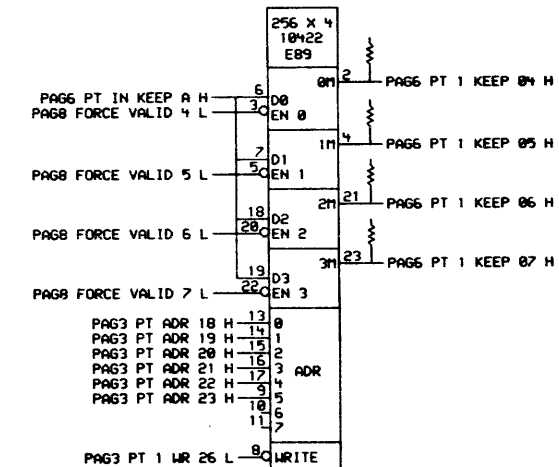
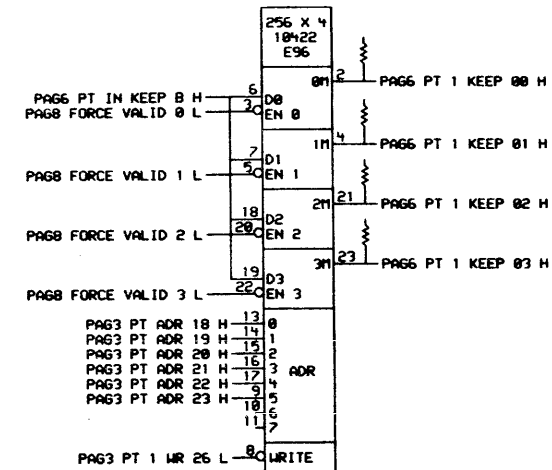
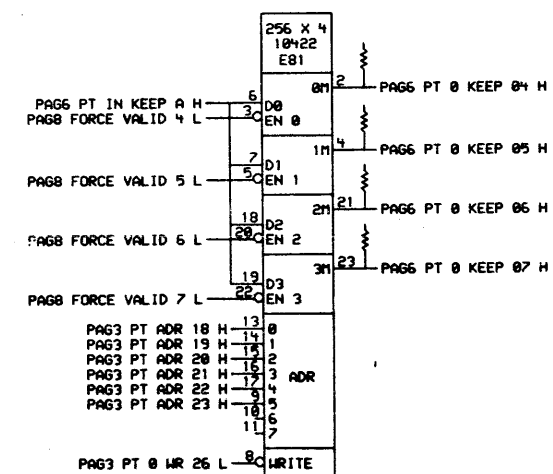
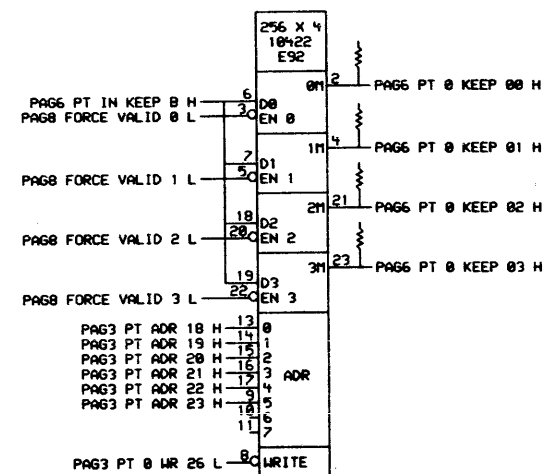
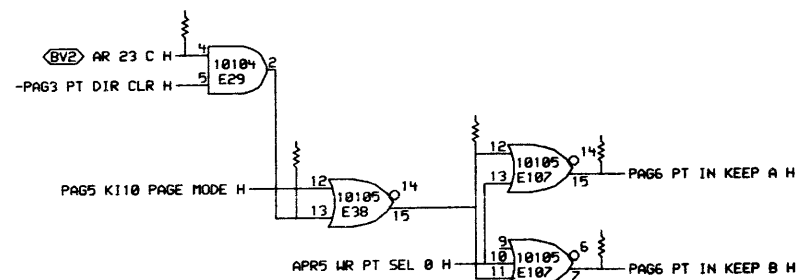


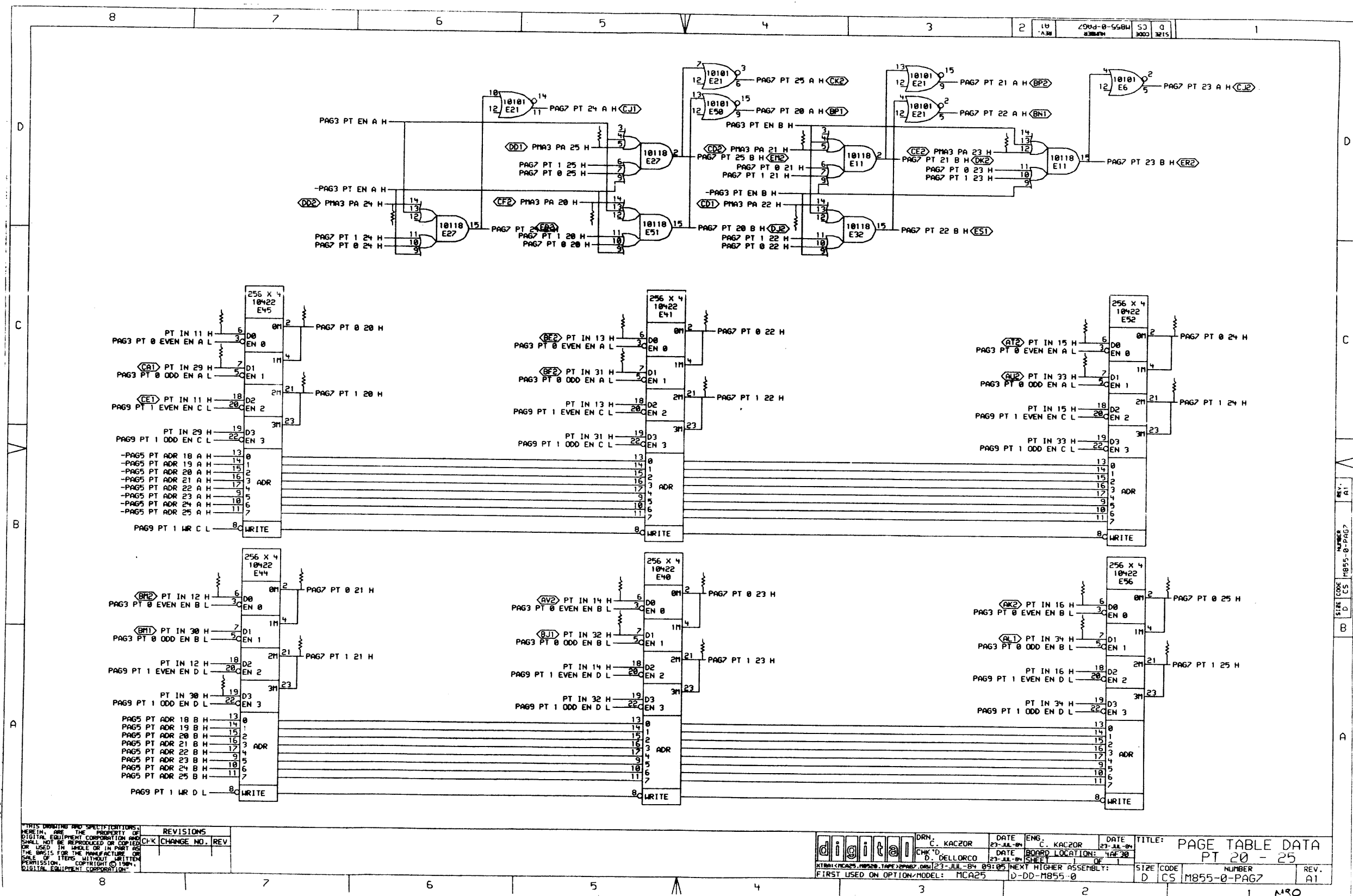


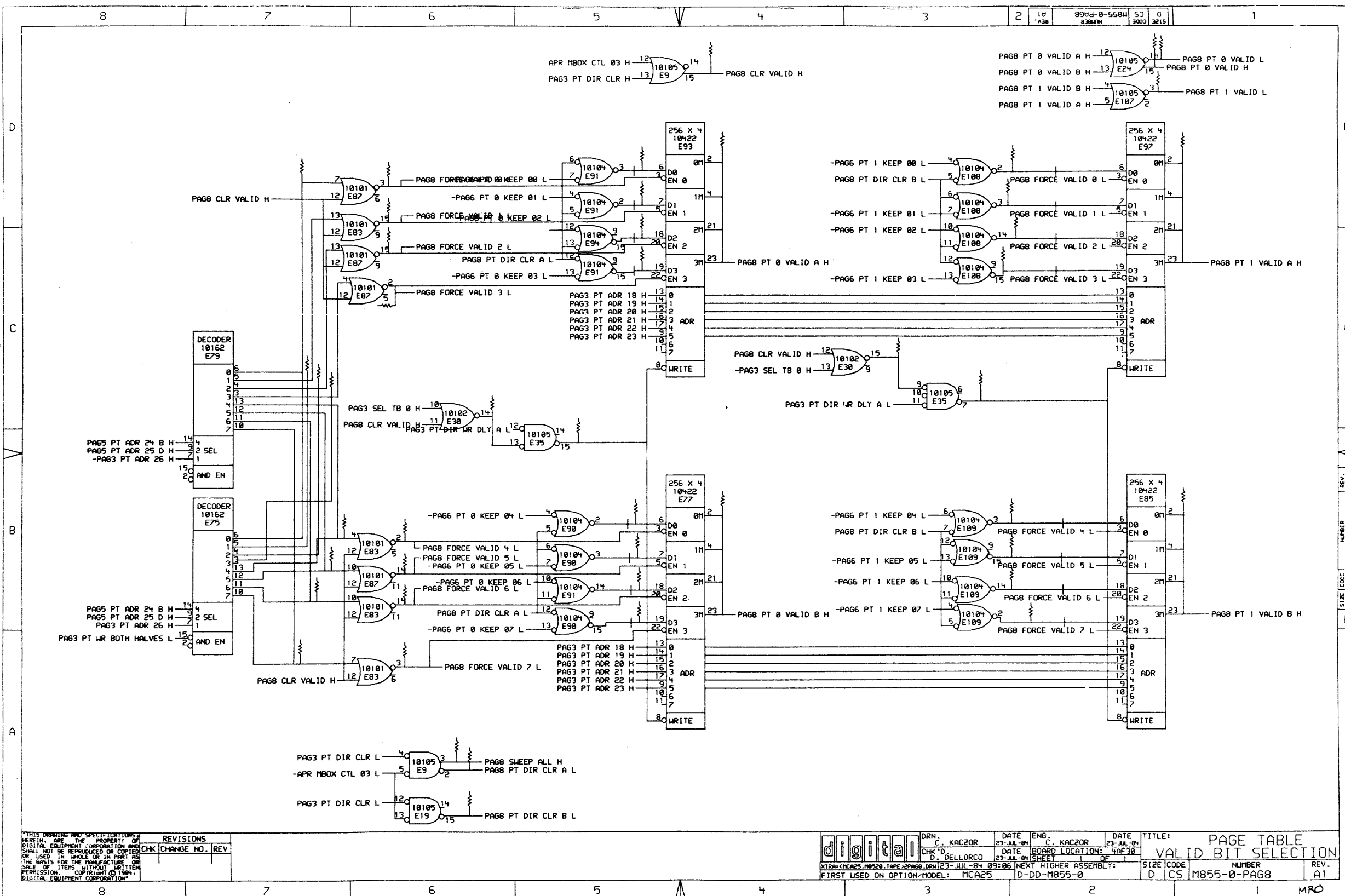


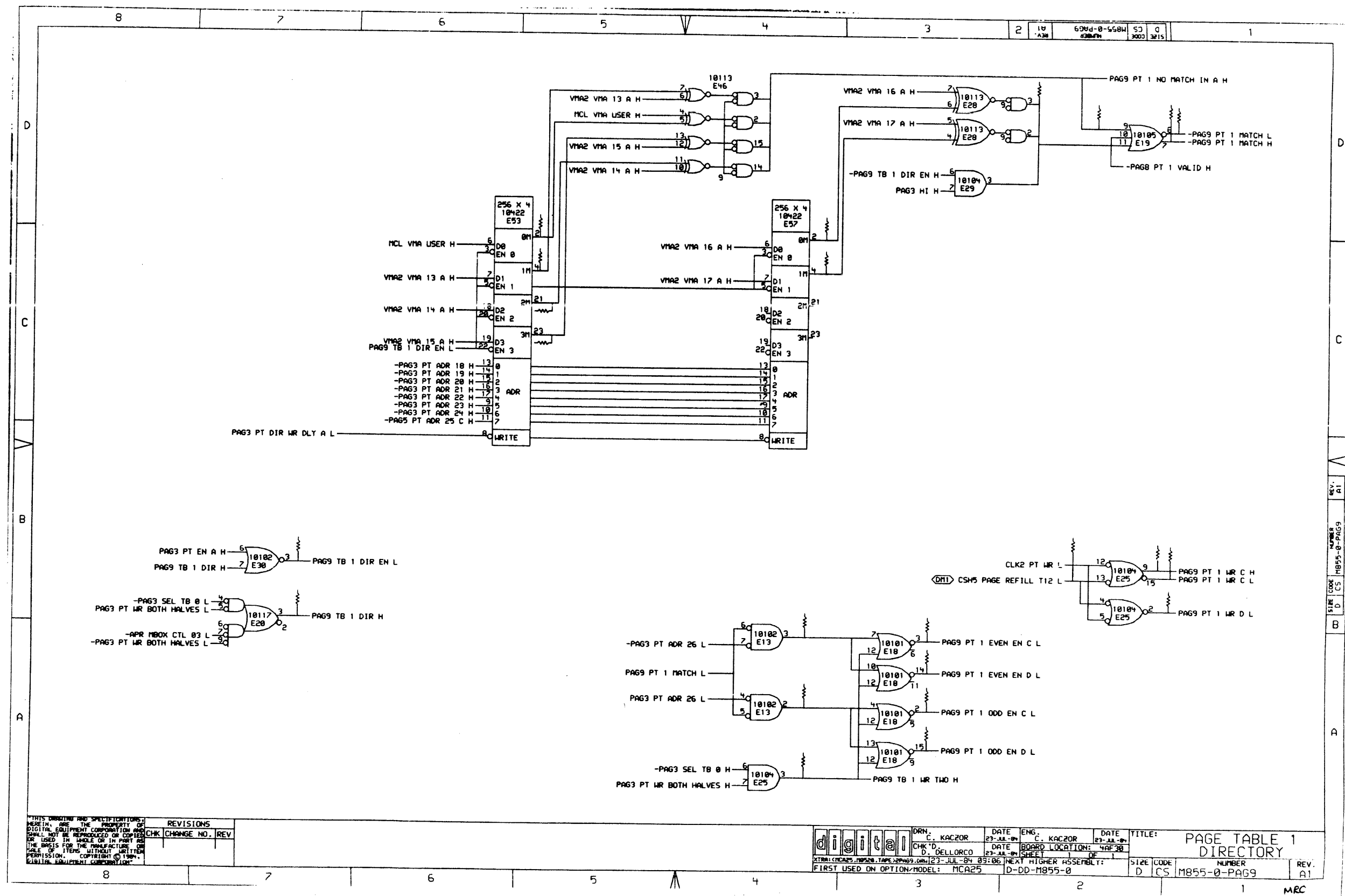


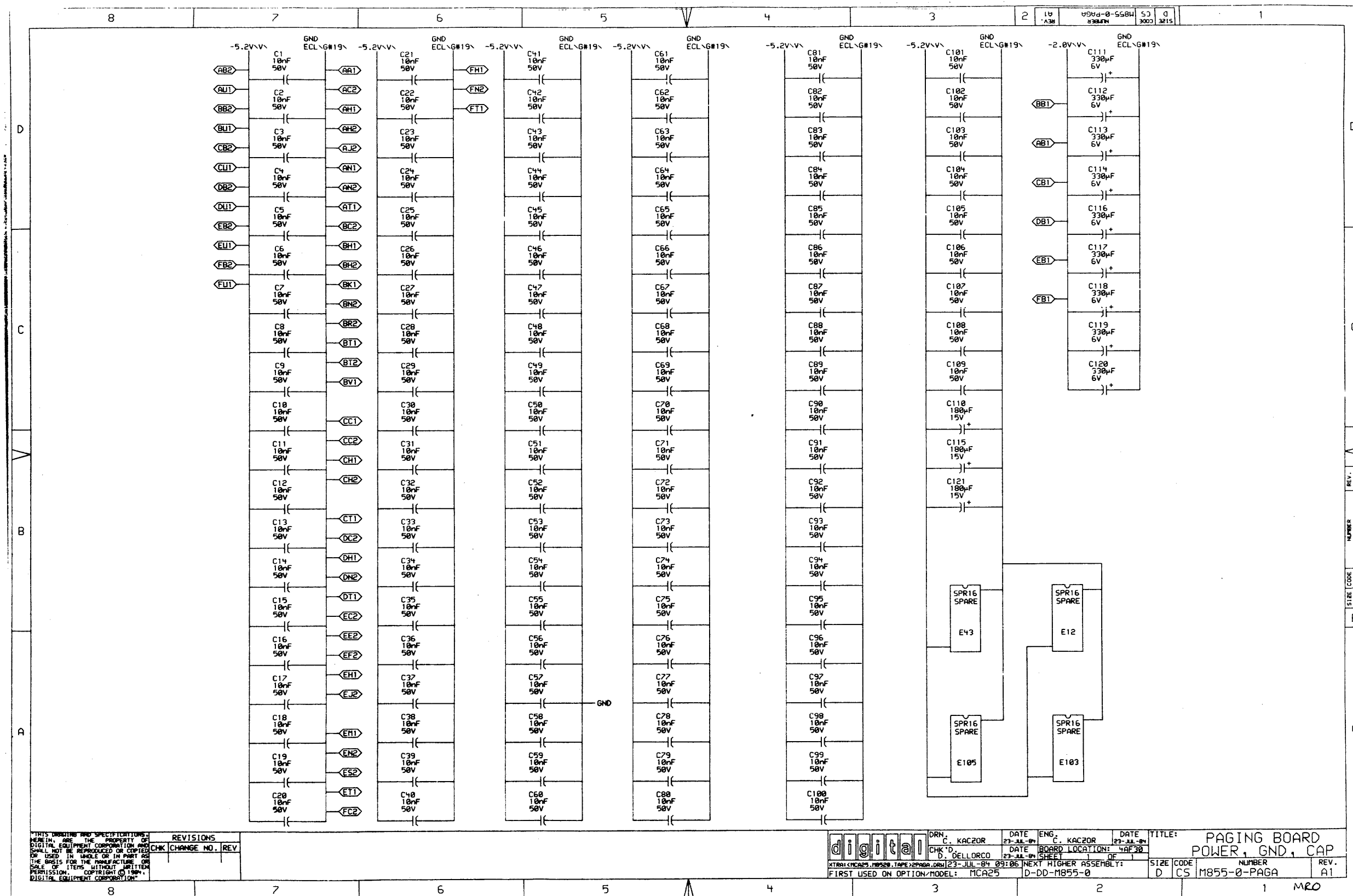


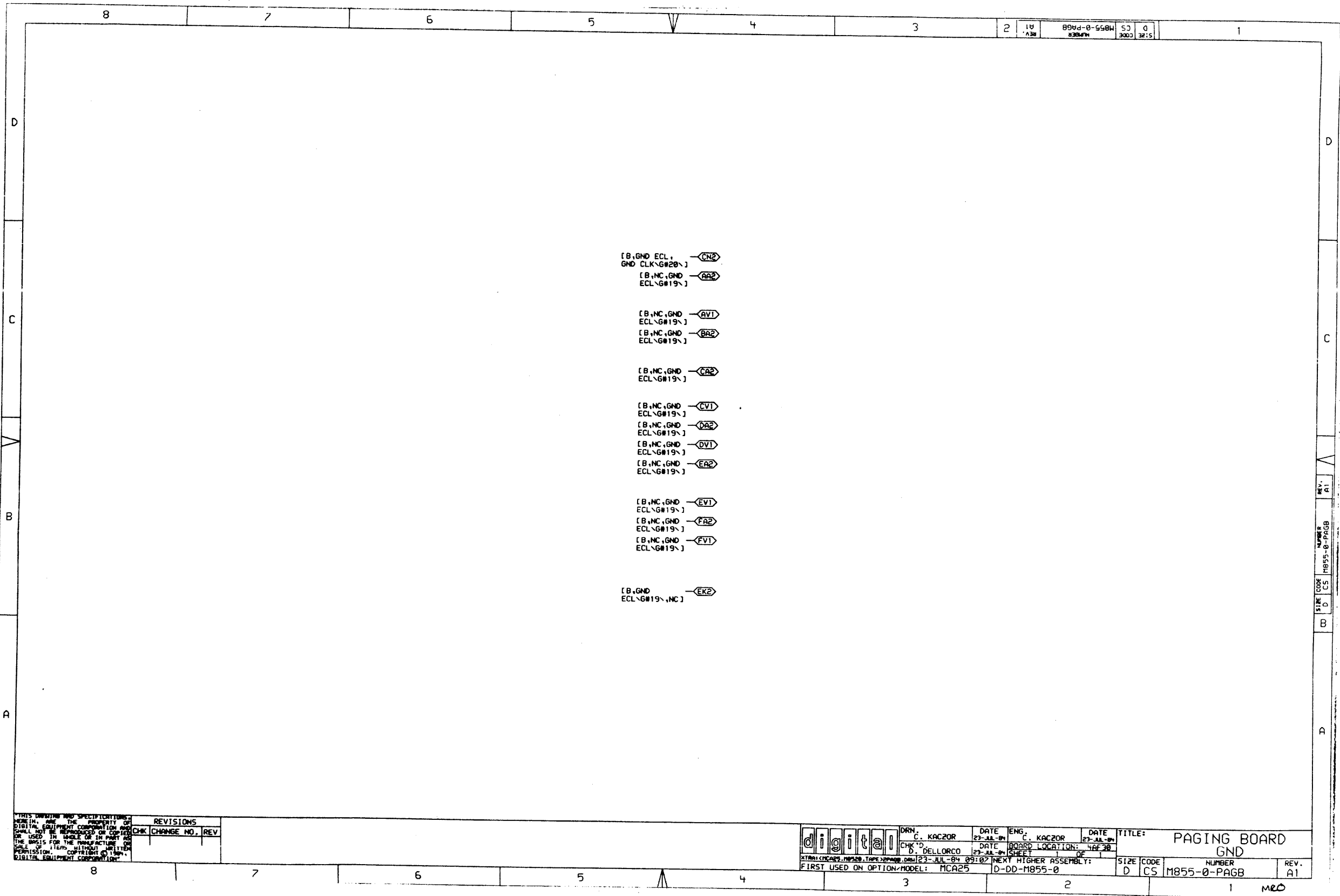












[B,GND,ECL,GND,CLK#20] — CN2
[B,NC,GND,ECL,G#19] — BA2

[B,NC,GND,ECL,G#19] — AV1
[B,NC,GND,ECL,G#19] — BA2

[B,NC,GND,ECL,G#19] — CA2

[B,NC,GND,ECL,G#19] — CV1
[B,NC,GND,ECL,G#19] — DA2
[B,NC,GND,ECL,G#19] — DV1
[B,NC,GND,ECL,G#19] — EA2

[B,NC,GND,ECL,G#19] — EV1
[B,NC,GND,ECL,G#19] — FA2
[B,NC,GND,ECL,G#19] — FV1

[B,GND,ECL,G#19,NC] — EK2

REVISIONS		
CHK	CHANGE NO.	REV

digital	DRN: C. KACZOR	DATE: 23-JUL-84	ENG: C. KACZOR	DATE: 23-JUL-84	TITLE: PAGING BOARD GND		
	CHK'D: D. DELLORCO	DATE: 23-JUL-84	BOARD LOCATION: 4AF30	SHEET: 1 OF 1			
FIRST USED ON OPTION/MODEL: MCA25		NEXT HIGHER ASSEMBLY: D-DD-M855-0		SIZE: D	CODE: CS	NUMBER: M855-0-PAGB	REV: A1

MED

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<table><tr><td>10 K38</td><td>534-0-5584 838474</td><td>53 303</td><td>D 3215</td><td></td><td></td><td></td><td></td></tr></table>								10 K38	534-0-5584 838474	53 303	D 3215																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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<table><tr><td>RESISTOR LOC(PIN)</td><td>SHOWN ON DRW#</td><td>REF</td><td>VALUE</td><td>TERMINATES SIGNAL</td><td>RESISTOR LOC(PIN)</td><td>SHOWN ON DRW#</td><td>REF</td><td>VALUE</td><td>TERMINATES SIGNAL</td><td>RESISTOR LOC(PIN)</td><td>SHOWN ON DRW#</td><td>REF</td><td>VALUE</td><td>TERMINATES SIGNAL</td><td>RESISTOR LOC(PIN)</td><td>SHOWN ON DRW#</td><td>REF</td><td>VALUE</td><td>TERMINATES SIGNAL</td></tr><tr><td>212(3)</td><td>PAG3</td><td>C2</td><td>68n</td><td>%E18(3)</td><td>223(5)</td><td>PAG9</td><td>C5</td><td>68n</td><td>%E53(2)</td><td>212(8)</td><td>PAG3</td><td>B2</td><td>68n</td><td>-CLK2 PT WR H</td><td>247(10)</td><td>PAG2</td><td>C6</td><td>68n</td><td>PAG2 PT 0 14 H</td></tr><tr><td>253(8)</td><td>PAG4</td><td>C2</td><td>68n</td><td>%E18(6)</td><td>223(1)</td><td>PAG9</td><td>C5</td><td>68n</td><td>%E53(21)</td><td>238(6)</td><td>PAG5</td><td>B4</td><td>68n</td><td>-CON K110 PAGING MODE H</td><td>265(8)</td><td>PAG2</td><td>B6</td><td>68n</td><td>PAG2 PT 0 15 H</td></tr><tr><td>259(3)</td><td>PAG4</td><td>A3</td><td>68n</td><td>%E18(4 15)</td><td>223(3)</td><td>PAG9</td><td>C5</td><td>68n</td><td>%E53(23)</td><td>211(3)</td><td>PAG3</td><td>B5</td><td>68n</td><td>CSH1 PRGR CYC A H</td><td>265(6)</td><td>PAG2</td><td>C4</td><td>68n</td><td>PAG2 PT 0 16 H</td></tr><tr><td>252(5)</td><td>PAG8</td><td>C2</td><td>68n</td><td>%E18(14)</td><td>246(6)</td><td>PAG9</td><td>C5</td><td>68n</td><td>%E53(4)</td><td>231(8)</td><td>PAG9</td><td>B2</td><td>68n</td><td>-CSH5 PAGE REFILL T12 H</td><td>232(8)</td><td>PAG2</td><td>B4</td><td>68n</td><td>PAG2 PT 0 17 H</td></tr><tr><td>227(6)</td><td>PAG8</td><td>C3</td><td>68n</td><td>%E18(15)</td><td>234(3)</td><td>PAG9</td><td>C4</td><td>68n</td><td>%E57(2)</td><td>27(3)</td><td>PAG3</td><td>C7</td><td>68n</td><td>-CSH6 MBOX PT DIR WR H</td><td>258(5)</td><td>PAG2</td><td>C2</td><td>68n</td><td>PAG2 PT 0 18 H</td></tr><tr><td>227(10)</td><td>PAG8</td><td>D2</td><td>68n</td><td>%E18(2)</td><td>235(5)</td><td>PAG9</td><td>C4</td><td>68n</td><td>%E57(4)</td><td>237(3)</td><td>PAG3</td><td>B5</td><td>68n</td><td>-CSH6 PAGE FAIL HOLD H</td><td>258(10)</td><td>PAG2</td><td>B2</td><td>68n</td><td>PAG2 PT 0 19 H</td></tr><tr><td>252(8)</td><td>PAG8</td><td>D2</td><td>68n</td><td>%E18(3)</td><td>249(5)</td><td>PAG4</td><td>C5</td><td>68n</td><td>%E59(9)</td><td>258(1)</td><td>PAG4</td><td>C2</td><td>68n</td><td>CSH6 PAGE REFILL ERROR H</td><td>27(8)</td><td>PAG2</td><td>C6</td><td>68n</td><td>PAG2 PT 1 14 H</td></tr><tr><td>216(5)</td><td>PAG8</td><td>B2</td><td>68n</td><td>%E18(14)</td><td>235(6)</td><td>PAG3</td><td>D4</td><td>68n</td><td>%E61(2)</td><td>258(3)</td><td>PAG4</td><td>C4</td><td>68n</td><td>-CSH6 PAGE REFILL ERROR H</td><td>265(10)</td><td>PAG2</td><td>A6</td><td>68n</td><td>PAG2 PT 1 15 H</td></tr><tr><td>216(8)</td><td>PAG8</td><td>B2</td><td>68n</td><td>%E18(15)</td><td>234(1)</td><td>PAG3</td><td>C4</td><td>68n</td><td>%E61(4)</td><td>239(1)</td><td>PAG5</td><td>D8</td><td>68n</td><td>MB 00-05 PAR ODD H</td><td>26(6)</td><td>PAG2</td><td>C4</td><td>68n</td><td>PAG2 PT 1 16 H</td></tr><tr><td>216(6)</td><td>PAG8</td><td>B2</td><td>68n</td><td>%E18(2)</td><td>27(6)</td><td>PAG4</td><td>B7</td><td>68n</td><td>%E63(15)</td><td>239(3)</td><td>PAG5</td><td>D7</td><td>68n</td><td>MB 06-11 PAR ODD H</td><td>232(1)</td><td>PAG2</td><td>A4</td><td>68n</td><td>PAG2 PT 1 17 H</td></tr><tr><td>251(8)</td><td>PAG8</td><td>B2</td><td>68n</td><td>%E18(3)</td><td>261(3)</td><td>PAG4</td><td>B6</td><td>68n</td><td>%E63(2)</td><td>239(5)</td><td>PAG5</td><td>D8</td><td>68n</td><td>MB 12-17 PAR ODD H</td><td>258(3)</td><td>PAG2</td><td>C2</td><td>68n</td><td>PAG2 PT 1 18 H</td></tr><tr><td>267(10)</td><td>PAG9</td><td>A4</td><td>68n</td><td>%E13(2)</td><td>238(3)</td><td>PAG5</td><td>C7</td><td>68n</td><td>%E7(10)</td><td>238(5)</td><td>PAG5</td><td>C8</td><td>68n</td><td>MB 18-23 PAR ODD H</td><td>258(8)</td><td>PAG2</td><td>A2</td><td>68n</td><td>PAG2 PT 1 19 H</td></tr><tr><td>271(5)</td><td>PAG9</td><td>A4</td><td>68n</td><td>%E13(3)</td><td>221(1)</td><td>PAG5</td><td>C3</td><td>68n</td><td>%E7(2)</td><td>239(10)</td><td>PAG5</td><td>C7</td><td>68n</td><td>MB 24-29 PAR ODD H</td><td>271(10)</td><td>PAG3</td><td>A7</td><td>68n</td><td>PAG3 HI H</td></tr><tr><td>241(10)</td><td>PAG1</td><td>D3</td><td>68n</td><td>%E16(14)</td><td>268(3)</td><td>PAG8</td><td>A7</td><td>68n</td><td>%E75(10)</td><td>242(1)</td><td>PAG5</td><td>C7</td><td>68n</td><td>MB 30-35 PAR ODD H</td><td>214(5)</td><td>PAG3</td><td>B2</td><td>68n</td><td>-PAG3 PT 0 EVEN EN A H</td></tr><tr><td>238(3)</td><td>PAG5</td><td>B3</td><td>68n</td><td>%E17(15)</td><td>245(10)</td><td>PAG8</td><td>B7</td><td>68n</td><td>%E75(11)</td><td>251(5)</td><td>PAG3</td><td>A5</td><td>68n</td><td>MB SEL 1 H</td><td>263(1)</td><td>PAG3</td><td>B2</td><td>68n</td><td>-PAG3 PT 0 EVEN EN B H</td></tr><tr><td>256(1)</td><td>PAG5</td><td>B3</td><td>68n</td><td>%E17(2)</td><td>268(5)</td><td>PAG8</td><td>B7</td><td>68n</td><td>%E75(12)</td><td>217(8)</td><td>PAG3</td><td>A5</td><td>68n</td><td>MB SEL 2 H</td><td>213(6)</td><td>PAG3</td><td>C4</td><td>68n</td><td>-PAG3 PT 0 LRU H</td></tr><tr><td>218(3)</td><td>PAG1</td><td>D3</td><td>68n</td><td>%E19(3)</td><td>24(5)</td><td>PAG8</td><td>B6</td><td>68n</td><td>%E75(13)</td><td>271(8)</td><td>PAG4</td><td>D8</td><td>68n</td><td>MCL VMA USER H</td><td>244(8)</td><td>PAG3</td><td>D1</td><td>68n</td><td>PAG3 PT 0 MATCH H</td></tr><tr><td>238(1)</td><td>PAG5</td><td>C7</td><td>68n</td><td>%E2(10)</td><td>24(10)</td><td>PAG8</td><td>C7</td><td>68n</td><td>%E75(3)</td><td>263(3)</td><td>PAG3</td><td>B7</td><td>68n</td><td>MCL2 VMA EXEC H</td><td>248(1)</td><td>PAG3</td><td>D1</td><td>68n</td><td>-PAG3 PT 0 MATCH H</td></tr><tr><td>239(6)</td><td>PAG5</td><td>D7</td><td>68n</td><td>%E2(13)</td><td>24(8)</td><td>PAG8</td><td>C7</td><td>68n</td><td>%E75(4)</td><td>27(1)</td><td>PAG4</td><td>A4</td><td>68n</td><td>-MCL2 VMA WRITE H</td><td>266(10)</td><td>PAG3</td><td>D2</td><td>68n</td><td>PAG3 PT 0 NO MATCH IN A H</td></tr><tr><td>239(8)</td><td>PAG5</td><td>D7</td><td>68n</td><td>%E2(3)</td><td>24(1)</td><td>PAG8</td><td>C7</td><td>68n</td><td>%E75(5)</td><td>224(6)</td><td>PAG4</td><td>C2</td><td>68n</td><td>MCL3 PAGE ADDRESS COND H</td><td>215(3)</td><td>PAG3</td><td>A2</td><td>68n</td><td>-PAG3 PT 0 ODD EN A H</td></tr><tr><td>248(3)</td><td>PAG1</td><td>C3</td><td>68n</td><td>%E22(14)</td><td>268(6)</td><td>PAG8</td><td>D7</td><td>68n</td><td>%E75(6)</td><td>29(5)</td><td>PAG4</td><td>D7</td><td>68n</td><td>MCL3 PAGE ILL ENTRY H</td><td>263(3)</td><td>PAG3</td><td>A2</td><td>68n</td><td>-PAG3 PT 0 ODD EN B H</td></tr><tr><td>266(6)</td><td>PAG3</td><td>D2</td><td>68n</td><td>%E23(3)</td><td>266(1)</td><td>PAG3</td><td>B3</td><td>68n</td><td>%E8(14)</td><td>211(6)</td><td>PAG4</td><td>C4</td><td>68n</td><td>-MCL3 PAGE ILL ENTRY H</td><td>216(3)</td><td>PAG3</td><td>D2</td><td>68n</td><td>-PAG3 PT 0 WR 26 H</td></tr><tr><td>263(5)</td><td>PAG5</td><td>C2</td><td>68n</td><td>%E26(2)</td><td>266(5)</td><td>PAG3</td><td>A3</td><td>68n</td><td>%E8(15)</td><td>236(6)</td><td>PAG4</td><td>B6</td><td>68n</td><td>MCL3 PAGE TEST PRIVATE H</td><td>214(1)</td><td>PAG3</td><td>B1</td><td>68n</td><td>-PAG3 PT 0 WR A H</td></tr><tr><td>212(5)</td><td>PAG9</td><td>D2</td><td>68n</td><td>%E28(2)</td><td>257(3)</td><td>PAG1</td><td>B3</td><td>68n</td><td>%E8(2)</td><td>253(10)</td><td>PAG4</td><td>C2</td><td>68n</td><td>MCL5 VMA ADR ERR H</td><td>263(5)</td><td>PAG3</td><td>B1</td><td>68n</td><td>-PAG3 PT 0 WR B H</td></tr><tr><td>248(5)</td><td>PAG5</td><td>D3</td><td>68n</td><td>%E29(14)</td><td>257(5)</td><td>PAG1</td><td>A3</td><td>68n</td><td>%E8(3)</td><td>248(1)</td><td>PAG4</td><td>D7</td><td>68n</td><td>MCL6 PAGE UEBR REF H</td><td>253(6)</td><td>PAG3</td><td>C2</td><td>68n</td><td>-PAG3 PT 1 WR 26 H</td></tr><tr><td>236(3)</td><td>PAG6</td><td>B7</td><td>68n</td><td>%E29(2)</td><td>244(10)</td><td>PAG3</td><td>A7</td><td>68n</td><td>%E86(2)</td><td>241(8)</td><td>PAG1</td><td>B2</td><td>68n</td><td>PAG1 PT 0 26 H</td><td>214(6)</td><td>PAG3</td><td>D7</td><td>68n</td><td>PAG3 PT ADR 18 H</td></tr><tr><td>229(8)</td><td>PAG8</td><td>C6</td><td>68n</td><td>%E38(14)</td><td>217(10)</td><td>PAG3</td><td>A7</td><td>68n</td><td>%E86(5)</td><td>243(1)</td><td>PAG1</td><td>C7</td><td>68n</td><td>PAG1 PT 0 ACCESS H</td><td>238(10)</td><td>PAG3</td><td>??</td><td>68n</td><td>-PAG3 PT ADR 18 H</td></tr><tr><td>211(10)</td><td>PAG8</td><td>C3</td><td>68n</td><td>%E38(15)</td><td>263(6)</td><td>PAG8</td><td>B5</td><td>68n</td><td>%E90(15)</td><td>259(8)</td><td>PAG1</td><td>C3</td><td>68n</td><td>PAG1 PT 0 CACHE H</td><td>224(3)</td><td>PAG3</td><td>B7</td><td>68n</td><td>PAG3 PT ADR 19 H</td></tr><tr><td>22(8)</td><td>PAG4</td><td>C4</td><td>68n</td><td>%E34(15)</td><td>263(8)</td><td>PAG8</td><td>B5</td><td>68n</td><td>%E90(2)</td><td>268(3)</td><td>PAG1</td><td>B7</td><td>68n</td><td>PAG1 PT 0 PUBLIC H</td><td>238(8)</td><td>PAG3</td><td>B7</td><td>68n</td><td>-PAG3 PT ADR 19 H</td></tr><tr><td>268(1)</td><td>PAG4</td><td>C7</td><td>68n</td><td>%E34(3)</td><td>263(10)</td><td>PAG8</td><td>B5</td><td>68n</td><td>%E90(3)</td><td>219(10)</td><td>PAG1</td><td>B5</td><td>68n</td><td>PAG1 PT 0 SOFTWARE H</td><td>214(8)</td><td>PAG3</td><td>B7</td><td>68n</td><td>PAG3 PT ADR 20 H</td></tr><tr><td>227(1)</td><td>PAG8</td><td>B5</td><td>68n</td><td>%E35(15)</td><td>262(8)</td><td>PAG8</td><td>B5</td><td>68n</td><td>%E91(14)</td><td>262(5)</td><td>PAG1</td><td>C5</td><td>68n</td><td>PAG1 PT 0 WRITABLE H</td><td>228(6)</td><td>PAG3</td><td>B7</td><td>68n</td><td>-PAG3 PT ADR 20 H</td></tr><tr><td>218(1)</td><td>PAG1</td><td>D3</td><td>68n</td><td>%E35(3)</td><td>215(10)</td><td>PAG8</td><td>C5</td><td>68n</td><td>%E91(15)</td><td>237(1)</td><td>PAG1</td><td>B1</td><td>68n</td><td>PAG1 PT 1 26 H</td><td>215(8)</td><td>PAG3</td><td>D7</td><td>68n</td><td>PAG3 PT ADR 21 H</td></tr><tr><td>227(8)</td><td>PAG8</td><td>C3</td><td>68n</td><td>%E35(7)</td><td>227(3)</td><td>PAG8</td><td>D5</td><td>68n</td><td>%E91(2)</td><td>259(10)</td><td>PAG1</td><td>C7</td><td>68n</td><td>PAG1 PT 1 ACCESS H</td><td>264(1)</td><td>PAG3</td><td>D7</td><td>68n</td><td>-PAG3 PT ADR 21 H</td></tr><tr><td>224(10)</td><td>PAG6</td><td>B7</td><td>68n</td><td>%E38(15)</td><td>252(3)</td><td>PAG8</td><td>D5</td><td>68n</td><td>%E91(3)</td><td>259(6)</td><td>PAG1</td><td>C3</td><td>68n</td><td>PAG1 PT 1 CACHE H</td><td>227(5)</td><td>PAG3</td><td>D7</td><td>68n</td><td>PAG3 PT ADR 22 H</td></tr><tr><td>238(10)</td><td>PAG5</td><td>B4</td><td>68n</td><td>%E4(2)</td><td>214(10)</td><td>PAG8</td><td>C5</td><td>68n</td><td>%E94(15)</td><td>235(10)</td><td>PAG1</td><td>A3</td><td>68n</td><td>-PAG1 PT 1 EV EN 26 H</td><td>228(8)</td><td>PAG3</td><td>D7</td><td>68n</td><td>-PAG3 PT ADR 22 H</td></tr><tr><td>29(6)</td><td>PAG4</td><td>D4</td><td>68n</td><td>%E42(2)</td><td>211(5)</td><td>PAG3</td><td>B7</td><td>68n</td><td>APR5 WR PT SEL 0 H</td><td>246(1)</td><td>PAG1</td><td>A3</td><td>68n</td><td>-PAG1 PT 1 OD EN 26 H</td><td>253(5)</td><td>PAG3</td><td>C7</td><td>68n</td><td>PAG3 PT ADR 23 H</td></tr><tr><td>235(1)</td><td>PAG3</td><td>D5</td><td>68n</td><td>%E49(2)</td><td>251(1)</td><td>PAG3</td><td>B7</td><td>68n</td><td>APR5 WR PT SEL 1 H</td><td>268(6)</td><td>PAG1</td><td>A7</td><td>68n</td><td>PAG1 PT 1 PUBLIC H</td><td>264(5)</td><td>PAG3</td><td>C7</td><td>68n</td><td>-PAG3 PT ADR 23 H</td></tr><tr><td>235(3)</td><td>PAG3</td><td>C5</td><td>68n</td><td>%E49(21)</td><td>237(5)</td><td>PAG3</td><td>B5</td><td>68n</td><td>-APR5 WR PT SEL 1 H</td><td>219(8)</td><td>PAG1</td><td>A5</td><td>68n</td><td>PAG1 PT 1 SOFTWARE H</td><td>246(8)</td><td>PAG3</td><td>A5</td><td>68n</td><td>PAG3 PT ADR 24 H</td></tr><tr><td>271(1)</td><td>PAG3</td><td>C5</td><td>68n</td><td>%E49(23)</td><td>236(1)</td><td>PAG6</td><td>B7</td><td>68n</td><td>AR 23 C H</td><td>262(3)</td><td>PAG1</td><td>C5</td><td>68n</td><td>PAG1 PT 1 WRITABLE H</td><td>278(5)</td><td>PAG3</td><td>A5</td><td>68n</td><td>-PAG3 PT ADR 24 H</td></tr><tr><td>271(6)</td><td>PAG3</td><td>C5</td><td>68n</td><td>%E49(4)</td><td>247(1)</td><td>PAG3</td><td>C7</td><td>68n</td><td>-CLK2 PT DIR WR H</td><td>243(3)</td><td>PAG1</td><td>D7</td><td>68n</td><td>-PAG1 PT ACCESS H</td><td>22(3)</td><td>PAG5</td><td>B6</td><td>68n</td><td>PAG3 PT ADR 25 A IN H</td></tr></table>								RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL	RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL	RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL	RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL	212(3)	PAG3	C2	68n	%E18(3)	223(5)	PAG9	C5	68n	%E53(2)	212(8)	PAG3	B2	68n	-CLK2 PT WR H	247(10)	PAG2	C6	68n	PAG2 PT 0 14 H	253(8)	PAG4	C2	68n	%E18(6)	223(1)	PAG9	C5	68n	%E53(21)	238(6)	PAG5	B4	68n	-CON K110 PAGING MODE H	265(8)	PAG2	B6	68n	PAG2 PT 0 15 H	259(3)	PAG4	A3	68n	%E18(4 15)	223(3)	PAG9	C5	68n	%E53(23)	211(3)	PAG3	B5	68n	CSH1 PRGR CYC A H	265(6)	PAG2	C4	68n	PAG2 PT 0 16 H	252(5)	PAG8	C2	68n	%E18(14)	246(6)	PAG9	C5	68n	%E53(4)	231(8)	PAG9	B2	68n	-CSH5 PAGE REFILL T12 H	232(8)	PAG2	B4	68n	PAG2 PT 0 17 H	227(6)	PAG8	C3	68n	%E18(15)	234(3)	PAG9	C4	68n	%E57(2)	27(3)	PAG3	C7	68n	-CSH6 MBOX PT DIR WR H	258(5)	PAG2	C2	68n	PAG2 PT 0 18 H	227(10)	PAG8	D2	68n	%E18(2)	235(5)	PAG9	C4	68n	%E57(4)	237(3)	PAG3	B5	68n	-CSH6 PAGE FAIL HOLD H	258(10)	PAG2	B2	68n	PAG2 PT 0 19 H	252(8)	PAG8	D2	68n	%E18(3)	249(5)	PAG4	C5	68n	%E59(9)	258(1)	PAG4	C2	68n	CSH6 PAGE REFILL ERROR H	27(8)	PAG2	C6	68n	PAG2 PT 1 14 H	216(5)	PAG8	B2	68n	%E18(14)	235(6)	PAG3	D4	68n	%E61(2)	258(3)	PAG4	C4	68n	-CSH6 PAGE REFILL ERROR H	265(10)	PAG2	A6	68n	PAG2 PT 1 15 H	216(8)	PAG8	B2	68n	%E18(15)	234(1)	PAG3	C4	68n	%E61(4)	239(1)	PAG5	D8	68n	MB 00-05 PAR ODD H	26(6)	PAG2	C4	68n	PAG2 PT 1 16 H	216(6)	PAG8	B2	68n	%E18(2)	27(6)	PAG4	B7	68n	%E63(15)	239(3)	PAG5	D7	68n	MB 06-11 PAR ODD H	232(1)	PAG2	A4	68n	PAG2 PT 1 17 H	251(8)	PAG8	B2	68n	%E18(3)	261(3)	PAG4	B6	68n	%E63(2)	239(5)	PAG5	D8	68n	MB 12-17 PAR ODD H	258(3)	PAG2	C2	68n	PAG2 PT 1 18 H	267(10)	PAG9	A4	68n	%E13(2)	238(3)	PAG5	C7	68n	%E7(10)	238(5)	PAG5	C8	68n	MB 18-23 PAR ODD H	258(8)	PAG2	A2	68n	PAG2 PT 1 19 H	271(5)	PAG9	A4	68n	%E13(3)	221(1)	PAG5	C3	68n	%E7(2)	239(10)	PAG5	C7	68n	MB 24-29 PAR ODD H	271(10)	PAG3	A7	68n	PAG3 HI H	241(10)	PAG1	D3	68n	%E16(14)	268(3)	PAG8	A7	68n	%E75(10)	242(1)	PAG5	C7	68n	MB 30-35 PAR ODD H	214(5)	PAG3	B2	68n	-PAG3 PT 0 EVEN EN A H	238(3)	PAG5	B3	68n	%E17(15)	245(10)	PAG8	B7	68n	%E75(11)	251(5)	PAG3	A5	68n	MB SEL 1 H	263(1)	PAG3	B2	68n	-PAG3 PT 0 EVEN EN B H	256(1)	PAG5	B3	68n	%E17(2)	268(5)	PAG8	B7	68n	%E75(12)	217(8)	PAG3	A5	68n	MB SEL 2 H	213(6)	PAG3	C4	68n	-PAG3 PT 0 LRU H	218(3)	PAG1	D3	68n	%E19(3)	24(5)	PAG8	B6	68n	%E75(13)	271(8)	PAG4	D8	68n	MCL VMA USER H	244(8)	PAG3	D1	68n	PAG3 PT 0 MATCH H	238(1)	PAG5	C7	68n	%E2(10)	24(10)	PAG8	C7	68n	%E75(3)	263(3)	PAG3	B7	68n	MCL2 VMA EXEC H	248(1)	PAG3	D1	68n	-PAG3 PT 0 MATCH H	239(6)	PAG5	D7	68n	%E2(13)	24(8)	PAG8	C7	68n	%E75(4)	27(1)	PAG4	A4	68n	-MCL2 VMA WRITE H	266(10)	PAG3	D2	68n	PAG3 PT 0 NO MATCH IN A H	239(8)	PAG5	D7	68n	%E2(3)	24(1)	PAG8	C7	68n	%E75(5)	224(6)	PAG4	C2	68n	MCL3 PAGE ADDRESS COND H	215(3)	PAG3	A2	68n	-PAG3 PT 0 ODD EN A H	248(3)	PAG1	C3	68n	%E22(14)	268(6)	PAG8	D7	68n	%E75(6)	29(5)	PAG4	D7	68n	MCL3 PAGE ILL ENTRY H	263(3)	PAG3	A2	68n	-PAG3 PT 0 ODD EN B H	266(6)	PAG3	D2	68n	%E23(3)	266(1)	PAG3	B3	68n	%E8(14)	211(6)	PAG4	C4	68n	-MCL3 PAGE ILL ENTRY H	216(3)	PAG3	D2	68n	-PAG3 PT 0 WR 26 H	263(5)	PAG5	C2	68n	%E26(2)	266(5)	PAG3	A3	68n	%E8(15)	236(6)	PAG4	B6	68n	MCL3 PAGE TEST PRIVATE H	214(1)	PAG3	B1	68n	-PAG3 PT 0 WR A H	212(5)	PAG9	D2	68n	%E28(2)	257(3)	PAG1	B3	68n	%E8(2)	253(10)	PAG4	C2	68n	MCL5 VMA ADR ERR H	263(5)	PAG3	B1	68n	-PAG3 PT 0 WR B H	248(5)	PAG5	D3	68n	%E29(14)	257(5)	PAG1	A3	68n	%E8(3)	248(1)	PAG4	D7	68n	MCL6 PAGE UEBR REF H	253(6)	PAG3	C2	68n	-PAG3 PT 1 WR 26 H	236(3)	PAG6	B7	68n	%E29(2)	244(10)	PAG3	A7	68n	%E86(2)	241(8)	PAG1	B2	68n	PAG1 PT 0 26 H	214(6)	PAG3	D7	68n	PAG3 PT ADR 18 H	229(8)	PAG8	C6	68n	%E38(14)	217(10)	PAG3	A7	68n	%E86(5)	243(1)	PAG1	C7	68n	PAG1 PT 0 ACCESS H	238(10)	PAG3	??	68n	-PAG3 PT ADR 18 H	211(10)	PAG8	C3	68n	%E38(15)	263(6)	PAG8	B5	68n	%E90(15)	259(8)	PAG1	C3	68n	PAG1 PT 0 CACHE H	224(3)	PAG3	B7	68n	PAG3 PT ADR 19 H	22(8)	PAG4	C4	68n	%E34(15)	263(8)	PAG8	B5	68n	%E90(2)	268(3)	PAG1	B7	68n	PAG1 PT 0 PUBLIC H	238(8)	PAG3	B7	68n	-PAG3 PT ADR 19 H	268(1)	PAG4	C7	68n	%E34(3)	263(10)	PAG8	B5	68n	%E90(3)	219(10)	PAG1	B5	68n	PAG1 PT 0 SOFTWARE H	214(8)	PAG3	B7	68n	PAG3 PT ADR 20 H	227(1)	PAG8	B5	68n	%E35(15)	262(8)	PAG8	B5	68n	%E91(14)	262(5)	PAG1	C5	68n	PAG1 PT 0 WRITABLE H	228(6)	PAG3	B7	68n	-PAG3 PT ADR 20 H	218(1)	PAG1	D3	68n	%E35(3)	215(10)	PAG8	C5	68n	%E91(15)	237(1)	PAG1	B1	68n	PAG1 PT 1 26 H	215(8)	PAG3	D7	68n	PAG3 PT ADR 21 H	227(8)	PAG8	C3	68n	%E35(7)	227(3)	PAG8	D5	68n	%E91(2)	259(10)	PAG1	C7	68n	PAG1 PT 1 ACCESS H	264(1)	PAG3	D7	68n	-PAG3 PT ADR 21 H	224(10)	PAG6	B7	68n	%E38(15)	252(3)	PAG8	D5	68n	%E91(3)	259(6)	PAG1	C3	68n	PAG1 PT 1 CACHE H	227(5)	PAG3	D7	68n	PAG3 PT ADR 22 H	238(10)	PAG5	B4	68n	%E4(2)	214(10)	PAG8	C5	68n	%E94(15)	235(10)	PAG1	A3	68n	-PAG1 PT 1 EV EN 26 H	228(8)	PAG3	D7	68n	-PAG3 PT ADR 22 H	29(6)	PAG4	D4	68n	%E42(2)	211(5)	PAG3	B7	68n	APR5 WR PT SEL 0 H	246(1)	PAG1	A3	68n	-PAG1 PT 1 OD EN 26 H	253(5)	PAG3	C7	68n	PAG3 PT ADR 23 H	235(1)	PAG3	D5	68n	%E49(2)	251(1)	PAG3	B7	68n	APR5 WR PT SEL 1 H	268(6)	PAG1	A7	68n	PAG1 PT 1 PUBLIC H	264(5)	PAG3	C7	68n	-PAG3 PT ADR 23 H	235(3)	PAG3	C5	68n	%E49(21)	237(5)	PAG3	B5	68n	-APR5 WR PT SEL 1 H	219(8)	PAG1	A5	68n	PAG1 PT 1 SOFTWARE H	246(8)	PAG3	A5	68n	PAG3 PT ADR 24 H	271(1)	PAG3	C5	68n	%E49(23)	236(1)	PAG6	B7	68n	AR 23 C H	262(3)	PAG1	C5	68n	PAG1 PT 1 WRITABLE H	278(5)	PAG3	A5	68n	-PAG3 PT ADR 24 H	271(6)	PAG3	C5	68n	%E49(4)	247(1)	PAG3	C7	68n	-CLK2 PT DIR WR H	243(3)	PAG1	D7	68n	-PAG1 PT ACCESS H	22(3)	PAG5	B6	68n	PAG3 PT ADR 25 A IN H
RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL	RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL	RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL	RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
212(3)	PAG3	C2	68n	%E18(3)	223(5)	PAG9	C5	68n	%E53(2)	212(8)	PAG3	B2	68n	-CLK2 PT WR H	247(10)	PAG2	C6	68n	PAG2 PT 0 14 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
253(8)	PAG4	C2	68n	%E18(6)	223(1)	PAG9	C5	68n	%E53(21)	238(6)	PAG5	B4	68n	-CON K110 PAGING MODE H	265(8)	PAG2	B6	68n	PAG2 PT 0 15 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
259(3)	PAG4	A3	68n	%E18(4 15)	223(3)	PAG9	C5	68n	%E53(23)	211(3)	PAG3	B5	68n	CSH1 PRGR CYC A H	265(6)	PAG2	C4	68n	PAG2 PT 0 16 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
252(5)	PAG8	C2	68n	%E18(14)	246(6)	PAG9	C5	68n	%E53(4)	231(8)	PAG9	B2	68n	-CSH5 PAGE REFILL T12 H	232(8)	PAG2	B4	68n	PAG2 PT 0 17 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
227(6)	PAG8	C3	68n	%E18(15)	234(3)	PAG9	C4	68n	%E57(2)	27(3)	PAG3	C7	68n	-CSH6 MBOX PT DIR WR H	258(5)	PAG2	C2	68n	PAG2 PT 0 18 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
227(10)	PAG8	D2	68n	%E18(2)	235(5)	PAG9	C4	68n	%E57(4)	237(3)	PAG3	B5	68n	-CSH6 PAGE FAIL HOLD H	258(10)	PAG2	B2	68n	PAG2 PT 0 19 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
252(8)	PAG8	D2	68n	%E18(3)	249(5)	PAG4	C5	68n	%E59(9)	258(1)	PAG4	C2	68n	CSH6 PAGE REFILL ERROR H	27(8)	PAG2	C6	68n	PAG2 PT 1 14 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
216(5)	PAG8	B2	68n	%E18(14)	235(6)	PAG3	D4	68n	%E61(2)	258(3)	PAG4	C4	68n	-CSH6 PAGE REFILL ERROR H	265(10)	PAG2	A6	68n	PAG2 PT 1 15 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
216(8)	PAG8	B2	68n	%E18(15)	234(1)	PAG3	C4	68n	%E61(4)	239(1)	PAG5	D8	68n	MB 00-05 PAR ODD H	26(6)	PAG2	C4	68n	PAG2 PT 1 16 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
216(6)	PAG8	B2	68n	%E18(2)	27(6)	PAG4	B7	68n	%E63(15)	239(3)	PAG5	D7	68n	MB 06-11 PAR ODD H	232(1)	PAG2	A4	68n	PAG2 PT 1 17 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
251(8)	PAG8	B2	68n	%E18(3)	261(3)	PAG4	B6	68n	%E63(2)	239(5)	PAG5	D8	68n	MB 12-17 PAR ODD H	258(3)	PAG2	C2	68n	PAG2 PT 1 18 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
267(10)	PAG9	A4	68n	%E13(2)	238(3)	PAG5	C7	68n	%E7(10)	238(5)	PAG5	C8	68n	MB 18-23 PAR ODD H	258(8)	PAG2	A2	68n	PAG2 PT 1 19 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
271(5)	PAG9	A4	68n	%E13(3)	221(1)	PAG5	C3	68n	%E7(2)	239(10)	PAG5	C7	68n	MB 24-29 PAR ODD H	271(10)	PAG3	A7	68n	PAG3 HI H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
241(10)	PAG1	D3	68n	%E16(14)	268(3)	PAG8	A7	68n	%E75(10)	242(1)	PAG5	C7	68n	MB 30-35 PAR ODD H	214(5)	PAG3	B2	68n	-PAG3 PT 0 EVEN EN A H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
238(3)	PAG5	B3	68n	%E17(15)	245(10)	PAG8	B7	68n	%E75(11)	251(5)	PAG3	A5	68n	MB SEL 1 H	263(1)	PAG3	B2	68n	-PAG3 PT 0 EVEN EN B H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
256(1)	PAG5	B3	68n	%E17(2)	268(5)	PAG8	B7	68n	%E75(12)	217(8)	PAG3	A5	68n	MB SEL 2 H	213(6)	PAG3	C4	68n	-PAG3 PT 0 LRU H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
218(3)	PAG1	D3	68n	%E19(3)	24(5)	PAG8	B6	68n	%E75(13)	271(8)	PAG4	D8	68n	MCL VMA USER H	244(8)	PAG3	D1	68n	PAG3 PT 0 MATCH H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
238(1)	PAG5	C7	68n	%E2(10)	24(10)	PAG8	C7	68n	%E75(3)	263(3)	PAG3	B7	68n	MCL2 VMA EXEC H	248(1)	PAG3	D1	68n	-PAG3 PT 0 MATCH H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
239(6)	PAG5	D7	68n	%E2(13)	24(8)	PAG8	C7	68n	%E75(4)	27(1)	PAG4	A4	68n	-MCL2 VMA WRITE H	266(10)	PAG3	D2	68n	PAG3 PT 0 NO MATCH IN A H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
239(8)	PAG5	D7	68n	%E2(3)	24(1)	PAG8	C7	68n	%E75(5)	224(6)	PAG4	C2	68n	MCL3 PAGE ADDRESS COND H	215(3)	PAG3	A2	68n	-PAG3 PT 0 ODD EN A H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
248(3)	PAG1	C3	68n	%E22(14)	268(6)	PAG8	D7	68n	%E75(6)	29(5)	PAG4	D7	68n	MCL3 PAGE ILL ENTRY H	263(3)	PAG3	A2	68n	-PAG3 PT 0 ODD EN B H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
266(6)	PAG3	D2	68n	%E23(3)	266(1)	PAG3	B3	68n	%E8(14)	211(6)	PAG4	C4	68n	-MCL3 PAGE ILL ENTRY H	216(3)	PAG3	D2	68n	-PAG3 PT 0 WR 26 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
263(5)	PAG5	C2	68n	%E26(2)	266(5)	PAG3	A3	68n	%E8(15)	236(6)	PAG4	B6	68n	MCL3 PAGE TEST PRIVATE H	214(1)	PAG3	B1	68n	-PAG3 PT 0 WR A H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
212(5)	PAG9	D2	68n	%E28(2)	257(3)	PAG1	B3	68n	%E8(2)	253(10)	PAG4	C2	68n	MCL5 VMA ADR ERR H	263(5)	PAG3	B1	68n	-PAG3 PT 0 WR B H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
248(5)	PAG5	D3	68n	%E29(14)	257(5)	PAG1	A3	68n	%E8(3)	248(1)	PAG4	D7	68n	MCL6 PAGE UEBR REF H	253(6)	PAG3	C2	68n	-PAG3 PT 1 WR 26 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
236(3)	PAG6	B7	68n	%E29(2)	244(10)	PAG3	A7	68n	%E86(2)	241(8)	PAG1	B2	68n	PAG1 PT 0 26 H	214(6)	PAG3	D7	68n	PAG3 PT ADR 18 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
229(8)	PAG8	C6	68n	%E38(14)	217(10)	PAG3	A7	68n	%E86(5)	243(1)	PAG1	C7	68n	PAG1 PT 0 ACCESS H	238(10)	PAG3	??	68n	-PAG3 PT ADR 18 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
211(10)	PAG8	C3	68n	%E38(15)	263(6)	PAG8	B5	68n	%E90(15)	259(8)	PAG1	C3	68n	PAG1 PT 0 CACHE H	224(3)	PAG3	B7	68n	PAG3 PT ADR 19 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
22(8)	PAG4	C4	68n	%E34(15)	263(8)	PAG8	B5	68n	%E90(2)	268(3)	PAG1	B7	68n	PAG1 PT 0 PUBLIC H	238(8)	PAG3	B7	68n	-PAG3 PT ADR 19 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
268(1)	PAG4	C7	68n	%E34(3)	263(10)	PAG8	B5	68n	%E90(3)	219(10)	PAG1	B5	68n	PAG1 PT 0 SOFTWARE H	214(8)	PAG3	B7	68n	PAG3 PT ADR 20 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
227(1)	PAG8	B5	68n	%E35(15)	262(8)	PAG8	B5	68n	%E91(14)	262(5)	PAG1	C5	68n	PAG1 PT 0 WRITABLE H	228(6)	PAG3	B7	68n	-PAG3 PT ADR 20 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
218(1)	PAG1	D3	68n	%E35(3)	215(10)	PAG8	C5	68n	%E91(15)	237(1)	PAG1	B1	68n	PAG1 PT 1 26 H	215(8)	PAG3	D7	68n	PAG3 PT ADR 21 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
227(8)	PAG8	C3	68n	%E35(7)	227(3)	PAG8	D5	68n	%E91(2)	259(10)	PAG1	C7	68n	PAG1 PT 1 ACCESS H	264(1)	PAG3	D7	68n	-PAG3 PT ADR 21 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
224(10)	PAG6	B7	68n	%E38(15)	252(3)	PAG8	D5	68n	%E91(3)	259(6)	PAG1	C3	68n	PAG1 PT 1 CACHE H	227(5)	PAG3	D7	68n	PAG3 PT ADR 22 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
238(10)	PAG5	B4	68n	%E4(2)	214(10)	PAG8	C5	68n	%E94(15)	235(10)	PAG1	A3	68n	-PAG1 PT 1 EV EN 26 H	228(8)	PAG3	D7	68n	-PAG3 PT ADR 22 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
29(6)	PAG4	D4	68n	%E42(2)	211(5)	PAG3	B7	68n	APR5 WR PT SEL 0 H	246(1)	PAG1	A3	68n	-PAG1 PT 1 OD EN 26 H	253(5)	PAG3	C7	68n	PAG3 PT ADR 23 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
235(1)	PAG3	D5	68n	%E49(2)	251(1)	PAG3	B7	68n	APR5 WR PT SEL 1 H	268(6)	PAG1	A7	68n	PAG1 PT 1 PUBLIC H	264(5)	PAG3	C7	68n	-PAG3 PT ADR 23 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
235(3)	PAG3	C5	68n	%E49(21)	237(5)	PAG3	B5	68n	-APR5 WR PT SEL 1 H	219(8)	PAG1	A5	68n	PAG1 PT 1 SOFTWARE H	246(8)	PAG3	A5	68n	PAG3 PT ADR 24 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
271(1)	PAG3	C5	68n	%E49(23)	236(1)	PAG6	B7	68n	AR 23 C H	262(3)	PAG1	C5	68n	PAG1 PT 1 WRITABLE H	278(5)	PAG3	A5	68n	-PAG3 PT ADR 24 H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
271(6)	PAG3	C5	68n	%E49(4)	247(1)	PAG3	C7	68n	-CLK2 PT DIR WR H	243(3)	PAG1	D7	68n	-PAG1 PT ACCESS H	22(3)	PAG5	B6	68n	PAG3 PT ADR 25 A IN H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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digital DRN. C.KACZOR DATE 02-AUG-84 ENG C.KACZOR DATE 02-AUG-84 TITLE: MULTIWIRED PAGER TERMINATORS CHK'D D.DELLORCO DATE 02-AUG-84 BOARD LOCATION: 1 OF 3 FIRST USED ON OPTION MODEL: MCA25 D-DD-M855-0 SIZE CODE NUMBER REV. D CS M855-0-RES A1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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1. ALL TERMINATORS HAVE PIN TWO CONNECTED TO -2.0V AND ARE 5% 1/4WATT UNLESS OTHERWISE SPECIFIED

2. ENTRIES ARE SORTED BY SIGNAL NAME

3. % INDICATES OUTPUT OF DIP LOC AND (>) INDICATES PIN NUMBER

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REVISIONS:

CHK CHANGE NO. REV

digital

DRN C.KACZOR

DATE 02-AUG-84

ENG C.KACZOR

DATE 02-AUG-84

CHK'D D. DELLORCO

DATE 02-AUG-84

BOARD LOCATION: 3

XTBA1CH025, M855, TAPE M855, DRW 02-AUG-84 12:14

NEXT HIGHER ASSEMBLY: D-DD-M855-0

FIRST USED ON OPTION/MODEL: MCA25

TITLE: MULTIWIRED PAGER TERMINATORS

SIZE CODE D CS

NUMBER M855-0-RES

REV. A1

8 7 6 5 4 3 2 1

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
22K(5)	PAG3	A5	68a	PAG3 PT ADR 25 B IN H
267(5)	PAG3	A7	68a	PAG3 PT ADR 26 H
266(8)	PAG3	A7	68a	-PAG3 PT ADR 26 H
268(1)	PAG3	B7	68a	PAG3 PT ADR 26 A IN H
213(3)	PAG3	B5	68a	PAG3 PT DIR CLR H
213(10)	PAG3	B5	68a	-PAG3 PT DIR CLR H
R2(1)	PAG3	B7	100a	-PAG3 PT DIR WR H
R1(1)	PAG3	B7	100a	-PAG3 PT DIR WR DLY H
229(6)	PAG3	C7	68a	-PAG3 PT DIR WR DLY A H
26(8)	PAG3	A1	68a	PAG3 PT EN A H
265(5)	PAG3	A1	68a	-PAG3 PT EN A H
245(6)	PAG3	A1	68a	PAG3 PT EN B H
258(6)	PAG3	A1	68a	-PAG3 PT EN B H
27(5)	PAG3	D2	68a	PAG3 PT MATCH H
231(1)	PAG3	B5	68a	PAG3 PT WR BOTH HALVES H
25(1)	PAG3	B5	68a	-PAG3 PT WR BOTH HALVES H
228(10)	PAG3	C1	68a	PAG3 SEL TB 0 H
229(3)	PAG3	C1	68a	-PAG3 SEL TB 0 H
229(5)	PAG3	B5	68a	PAG3 TB 0 DIR H
264(3)	PAG3	B5	68a	-PAG3 TB 0 DIR EN H
266(3)	PAG3	A2	68a	PAG3 TB 0 WR TWO H
233(1)	PAG4	D1	68a	PAG4 FORCE TB CLK H
233(8)	PAG4	A6	68a	-PAG4 FORCE TO TB 0 H
233(3)	PAG4	A6	68a	PAG4 FORCE TO TB 1 H
228(1)	PAG4	D1	68a	-PAG4 MBOX CTL 03 H
268(5)	PAG4	D7	68a	PAG4 PAGE EXEC PAGED REF H
225(3)	PAG4	D7	68a	-PAG4 PAGE EXEC PAGED REF H
248(3)	PAG4	D7	68a	PAG4 PAGE EXEC REF H
29(1)	PAG4	D7	68a	-PAG4 PAGE EXEC REF H
26(1)	PAG4	C3	68a	PAG4 PAGE FAIL A H
225(6)	PAG4	C3	68a	-PAG4 PAGE FAIL A H
265(3)	PAG4	B6	68a	PAG4 PAGE TEST PRIVATE H
225(5)	PAG4	B6	68a	-PAG4 PAGE TEST PRIVATE H
259(1)	PAG4	C6	68a	PAG4 PAGE TEST WRITE H
29(3)	PAG4	C7	68a	-PAG4 PAGE UNPAGED REF H
28(3)	PAG4	D7	68a	PAG4 PAGE USER PAGED REF H
225(1)	PAG4	D7	68a	-PAG4 PAGE USER PAGED REF H
259(5)	PAG4	D4	68a	PAG4 PAGE WRITE OK H
249(1)	PAG4	D4	68a	-PAG4 PAGE WRITE OK H
252(1)	PAG4	A2	68a	-PAG4 PAGED REF H

NOTE:

1. ALL TERMINATORS HAVE PIN TWO CONNECTED TO -2.0V AND ARE 5% 1/4WATT UNLESS OTHERWISE SPECIFIED
2. ENTRIES ARE SORTED BY SIGNAL NAME
3. % INDICATES OUTPUT OF DIP LOC AND
() INDICATES PIN NUMBER

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
262(10)	PAG4	B3	68a	-PAG4 PF CODE 2X H
238(8)	PAG5	A7	68a	PAG5 K110 PAGE MODE H
248(6)	PAG5	B1	68a	PAG5 PT 0 EV PG PAR H
257(1)	PAG5	B1	68a	PAG5 PT 0 00 PG PAR H
248(10)	PAG5	B1	68a	PAG5 PT 1 EV PG PAR H
248(8)	PAG5	B1	68a	PAG5 PT 1 00 PG PAR H
226(3)	PAG5	C7	68a	-PAG5 PT ADR 18 A H
218(3)	PAG5	C7	68a	PAG5 PT ADR 18 B H
254(5)	PAG5	B7	68a	-PAG5 PT ADR 19 A H
228(6)	PAG5	B7	68a	PAG5 PT ADR 19 B H
226(5)	PAG5	B7	68a	-PAG5 PT ADR 20 A H
228(8)	PAG5	B7	68a	PAG5 PT ADR 20 B H
254(6)	PAG5	B7	68a	-PAG5 PT ADR 21 A H
218(5)	PAG5	B7	68a	PAG5 PT ADR 21 B H
246(5)	PAG5	C5	68a	-PAG5 PT ADR 22 A H
234(8)	PAG5	C5	68a	PAG5 PT ADR 22 B H
216(10)	PAG5	B5	68a	-PAG5 PT ADR 23 A H
262(6)	PAG5	B5	68a	PAG5 PT ADR 23 B H
226(8)	PAG5	B5	68a	-PAG5 PT ADR 24 A H
25(3)	PAG5	B5	68a	PAG5 PT ADR 24 B H
222(8)	PAG5	B5	68a	-PAG5 PT ADR 25 A H
257(6)	PAG5	B5	68a	PAG5 PT ADR 25 B H
264(6)	PAG5	A5	68a	-PAG5 PT ADR 25 C H
222(3)	PAG5	A5	68a	PAG5 PT ADR 25 D H
22(10)	PAG5	C1	68a	PAG5 PT PAR ODD H
249(3)	PAG5	C2	68a	-PAG5 PT PAR ODD H
229(10)	PAG6	D6	68a	PAG6 PT 0 KEEP H
244(1)	PAG6	D4	68a	PAG6 PT 0 KEEP 00 H
23(5)	PAG6	D4	68a	PAG6 PT 0 KEEP 01 H
244(3)	PAG6	D4	68a	PAG6 PT 0 KEEP 02 H
23(1)	PAG6	C4	68a	PAG6 PT 0 KEEP 03 H
23(10)	PAG6	B4	68a	PAG6 PT 0 KEEP 04 H
244(5)	PAG6	B4	68a	PAG6 PT 0 KEEP 05 H
23(8)	PAG6	B4	68a	PAG6 PT 0 KEEP 06 H
244(6)	PAG6	A4	68a	PAG6 PT 0 KEEP 07 H
212(6)	PAG6	C6	68a	PAG6 PT 1 KEEP H
243(8)	PAG6	D1	68a	PAG6 PT 1 KEEP 00 H
243(6)	PAG6	D1	68a	PAG6 PT 1 KEEP 01 H
21(6)	PAG6	D1	68a	PAG6 PT 1 KEEP 02 H
243(5)	PAG6	C1	68a	PAG6 PT 1 KEEP 03 H

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
21(8)	PAG6	B1	68a	PAG6 PT 1 KEEP 04 H
225(10)	PAG6	B1	68a	PAG6 PT 1 KEEP 05 H
21(10)	PAG6	B1	68a	PAG6 PT 1 KEEP 06 H
243(10)	PAG6	A1	68a	PAG6 PT 1 KEEP 07 H
216(1)	PAG6	B6	68a	PAG6 PT IN KEEP A H
253(1)	PAG6	A6	68a	PAG6 PT IN KEEP B H
249(8)	PAG7	C7	68a	PAG7 PT 0 20 H
241(5)	PAG7	B7	68a	PAG7 PT 0 21 H
232(5)	PAG7	C4	68a	PAG7 PT 0 22 H
241(1)	PAG7	B4	68a	PAG7 PT 0 23 H
232(3)	PAG7	C1	68a	PAG7 PT 0 24 H
232(6)	PAG7	B2	68a	PAG7 PT 0 25 H
223(8)	PAG7	C7	68a	PAG7 PT 1 20 H
241(6)	PAG7	A7	68a	PAG7 PT 1 21 H
235(8)	PAG7	C4	68a	PAG7 PT 1 22 H
242(8)	PAG7	A4	68a	PAG7 PT 1 23 H
237(8)	PAG7	C1	68a	PAG7 PT 1 24 H
234(6)	PAG7	A2	68a	PAG7 PT 1 25 H
24(6)	PAG8	D4	68a	PAG8 CLR VALID H
224(5)	PAG8	D6	68a	-PAG8 FORCE VALID 0 H
253(3)	PAG8	D6	68a	-PAG8 FORCE VALID 1 H
224(1)	PAG8	C6	68a	-PAG8 FORCE VALID 2 H
252(6)	PAG8	C6	68a	-PAG8 FORCE VALID 3 H
215(6)	PAG8	B6	68a	-PAG8 FORCE VALID 4 H
215(5)	PAG8	B6	68a	-PAG8 FORCE VALID 5 H
215(1)	PAG8	B6	68a	-PAG8 FORCE VALID 6 H
214(3)	PAG8	A6	68a	-PAG8 FORCE VALID 7 H
233(5)	PAG8	D2	68a	PAG8 PT 0 VALID H
271(3)	PAG8	D2	68a	-PAG8 PT 0 VALID H
211(1)	PAG8	D4	68a	PAG8 PT 0 VALID A H
212(10)	PAG8	B4	68a	PAG8 PT 0 VALID B H
233(6)	PAG8	D2	68a	-PAG8 PT 1 VALID H
224(8)	PAG8	D1	68a	PAG8 PT 1 VALID A H
252(10)	PAG8	B1	68a	PAG8 PT 1 VALID B H
268(10)	PAG8	A6	68a	-PAG8 PT DIR CLR A H
225(8)	PAG8	A6	68a	-PAG8 PT DIR CLR B H
267(1)	PAG8	A6	68a	PAG8 SHEEP ALL H
254(10)	PAG9	A3	68a	-PAG9 PT 1 EVEN EN C H
218(8)	PAG9	A3	68a	-PAG9 PT 1 EVEN EN D H
22(1)	PAG9	D1	68a	PAG9 PT 1 MATCH H

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
267(3)	PAG9	D1	68a	-PAG9 PT 1 MATCH H
267(6)	PAG9	D2	68a	PAG9 PT 1 NO MATCH IN A H
226(10)	PAG9	A3	68a	-PAG9 PT 1 ODD EN C H
218(10)	PAG9	A3	68a	-PAG9 PT 1 ODD EN D H
212(1)	PAG9	B2	68a	PAG9 PT 1 WR C H
256(5)	PAG9	B1	68a	-PAG9 PT 1 WR C H
256(8)	PAG9	B1	68a	-PAG9 PT 1 WR D H
211(8)	PAG9	B7	68a	PAG9 TB 1 DIR H
220(5)	PAG9	B7	68a	-PAG9 TB 1 DIR EN H
267(8)	PAG9	A4	68a	PAG9 TB 1 WR TWO H
27(10)	PAG2	D7	68a	PMA3 PA 14 H
26(10)	PAG2	D5	68a	PMA3 PA 15 H
26(5)	PAG2	D5	68a	PMA3 PA 16 H
234(10)	PAG2	D4	68a	PMA3 PA 17 H
245(3)	PAG2	D4	68a	PMA3 PA 18 H
245(8)	PAG2	D3	68a	PMA3 PA 19 H
29(8)	PAG2	D5	68a	PMA3 PA 20 H
241(3)	PAG2	D4	68a	PMA3 PA 21 H
234(5)	PAG2	D4	68a	PMA3 PA 22 H
242(10)	PAG2	D3	68a	PMA3 PA 23 H
237(6)	PAG2	D6	68a	PMA3 PA 24 H
237(10)	PAG2	D5	68a	PMA3 PA 25 H
226(6)	PAG1	C8	68a	PT IN 00 H
218(1)	PAG1	B8	68a	PT IN 01 H
226(1)	PAG1	C6	68a	PT IN 02 H
218(6)	PAG1	B6	68a	PT IN 03 H
228(10)	PAG1	C4	68a	PT IN 04 H
255(8)	PAG2	C7	68a	PT IN 05 H
264(10)	PAG2	B7	68a	PT IN 06 H
255(6)	PAG2	C5	68a	PT IN 07 H
228(1)	PAG2	B5	68a	PT IN 08 H
255(5)	PAG2	C2	68a	PT IN 09 H
255(1)	PAG2	B2	68a	PT IN 10 H
222(10)	PAG7	C7	68a	PT IN 11 H
257(10)	PAG7	B7	68a	PT IN 12 H
222(5)	PAG7	C5	68a	PT IN 13 H
257(8)	PAG7	B5	68a	PT IN 14 H
256(3)	PAG7	C2	68a	PT IN 15 H
238(6)	PAG7	B2	68a	PT IN 16 H
222(1)	PAG1	B3	68a	PT IN 17 H

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REVISIONS	
CHK	CHANGE NO. REV

digital

DRN	C. KACZOR
CHK TO	D. DELLORCO

DATE	02-AUG-87
DATE	02-AUG-87

ENG	C. KACZOR
DATE	02-AUG-87

TITLE:	MULTI WIRE PAGER TERMINATORS		
SIZE	CODE	NUMBER	REV.
D	CS	M855-0-RES	A1

8

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MRO

DRAWING NUMBER	NO.OF SHT	PART NUMBER	DESCRIPTION	REVISION
		M855-00	MODULE REVISION	A2
D-UA-M855-0-0	2		2 WAY ASSOCIATIVE PAGER	B
K-PL-M855-0-DBP	2		PART LIST, M855	B
D-CS-M855-0-PAG1	1		PAGE TABLE DATA PT ACCESS-PT 17	B
D-CS-M855-0-PAG2	1		PAGE TABLE DATA PT 16 - PT 26	B
D-CS-M855-0-PAG3	1		PAGE TABLE DIRECTORY	B
D-CS-M855-0-PAG4	1		PAGE TABLE CONTROL LOGIC	B
D-CS-M855-0-PAG5	1		PAGE TABLE PARITY LOGIC	B
D-CS-M855-0-PAG6	1		PAGING KEEP BIT SELECTION	B
D-CS-M855-0-PAG7	1		PAGE TABLE DATA PT 20 - 25	B
D-CS-M855-0-PAG8	1		PAGE TABLE VALID BIT SELECTION	B
D-CS-M855-0-PAG9	1		PAGE TABLE 1 DIRECTORY	B
D-CS-M855-0-PAGA	1		PAGING BOARD POWER, GND, CAP	B
D-CS-M855-0-PAGB	1		PAGING BOARD GND	B
D-CS-M855-0-RES	3		PAG TERMINATORS	B
K-PC-M855-0-DBI	-		P.C. DESIGN DATA BASE TAPE	B
D-DD-5017661-0	2		DRAWING DIRECTORY, 5017661	REF

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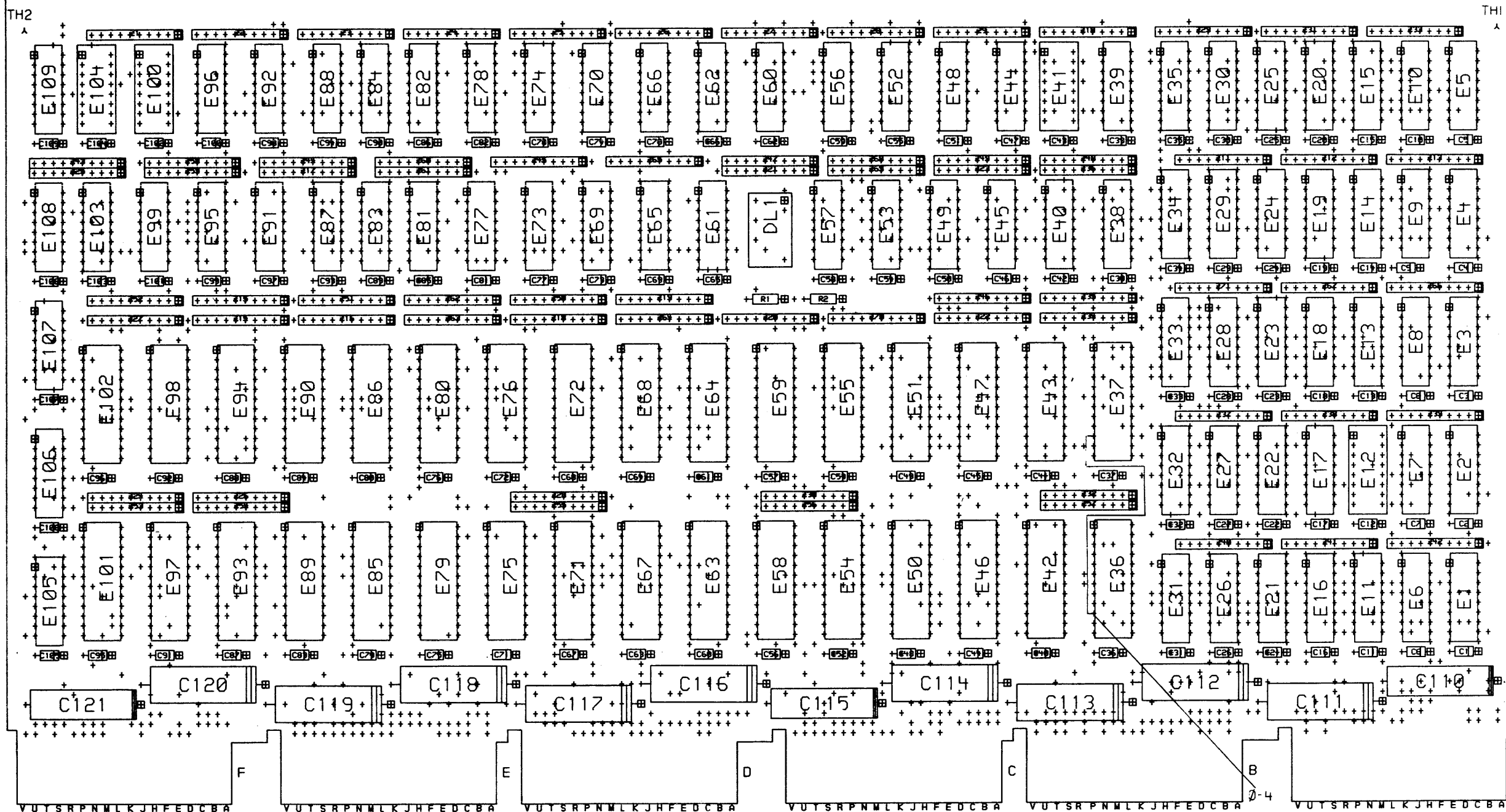
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digital	DRN. D. DELLORCO	DATE 28-JUL-84	ENG. C. KACZOR	DATE 28-JUL-84	TITLE: M855
	CHK'D. D. DELLORCO	DATE 28-JUL-84	BOARD LOCATION: N/A	SHEET 2 OF 2	DRAWING DIRECTORY
DSK:M855A2.T2P(4.2) 120-JUL-84 08:02			NEXT HIGHER ASSEMBLY:		SIZE CODE D DD
FIRST USED ON OPTION/MODEL: MCA25 KL10-PW					NUMBER M855-0
					REV. A

8 7 6 5 4 3 2 1

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COMPONENT SIDE VIEW
22



NOTES: 1. SPARE COMP. ARE: E12, E41, E100, E104.
2. THIS BOARD MUST MEET SAFETY REQ. FOR HPWR.

STEP E → Y AXIS 0 STEP 0 TIMES
REPEAT → X AXIS 0 STEP 0 TIMES

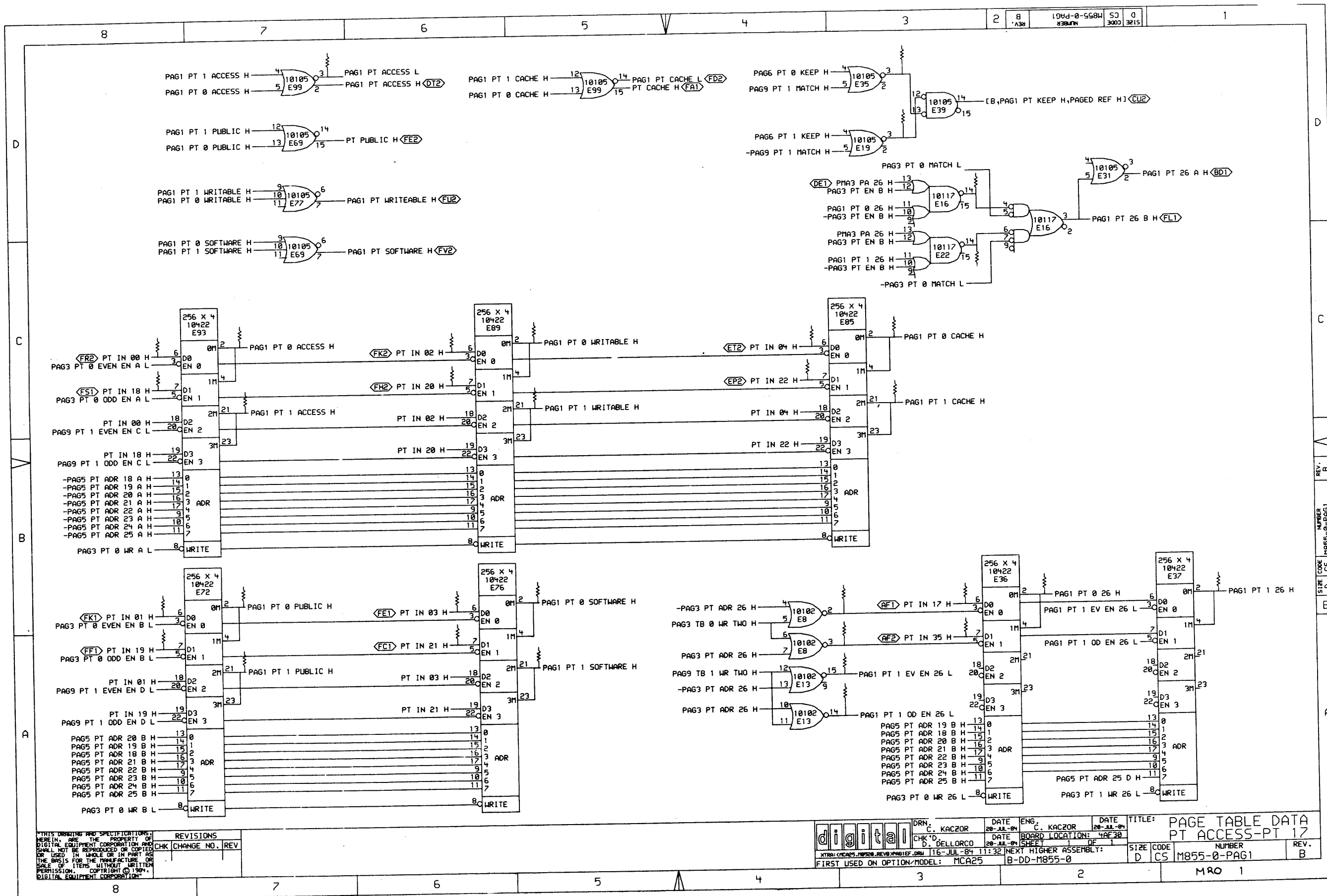
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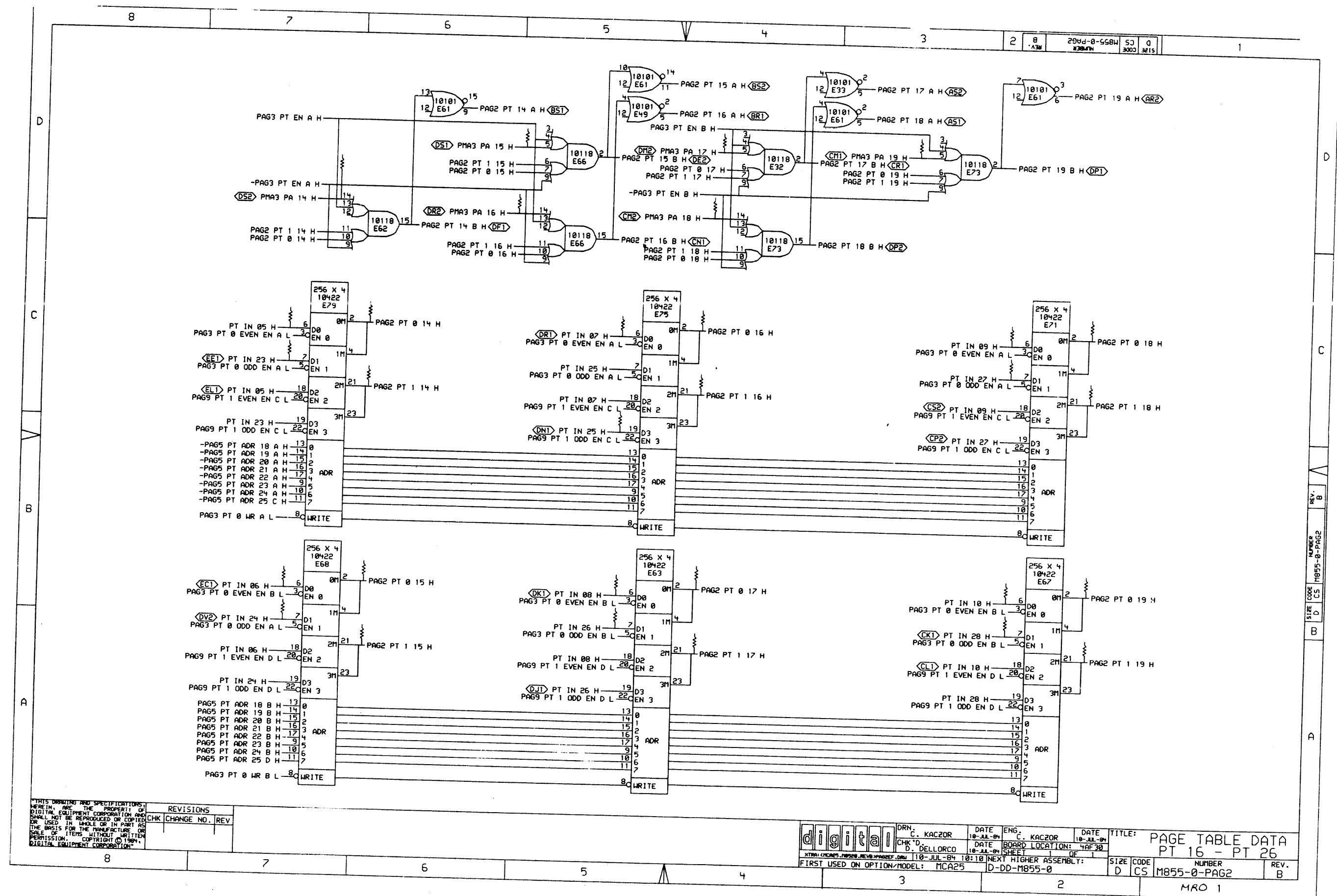
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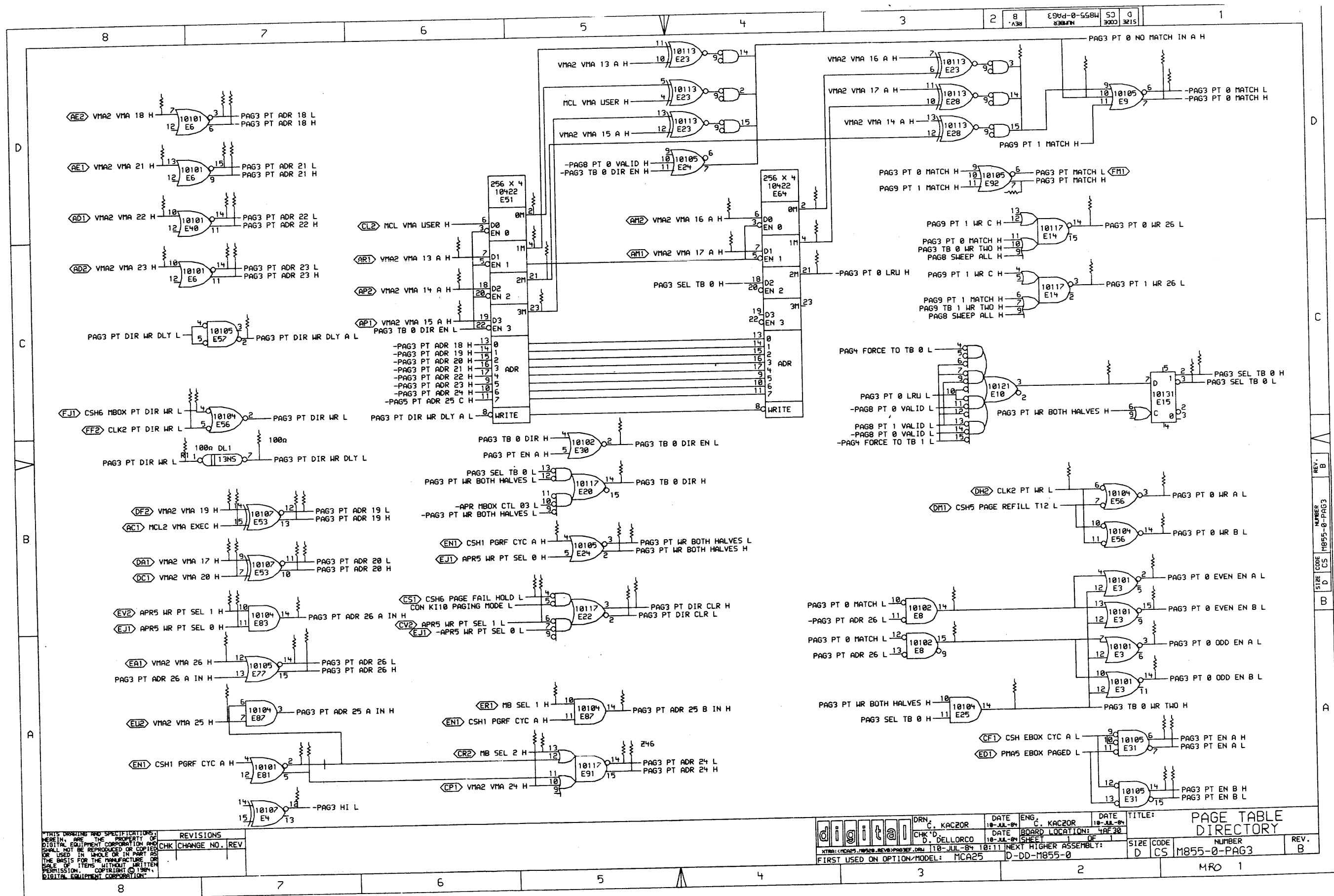
SIGNATURES	DATE	digital
DRN. J. MASCN	4-10-84	
CHK'D. M. MASCN	10-24-84	TITLE 2 WAY ASSOCIATIVE PAGER
RECH. ENG. J. MASCN		
PROJ. ENG. J. MASCN		SIZE CODE NUMBER 0 UA M655-2-0
PROD. J. MASCN		
SCALE 2/1		REV B
SHT. 1 OF 2		
TCP D.C. NC: D-DD-M855-0		

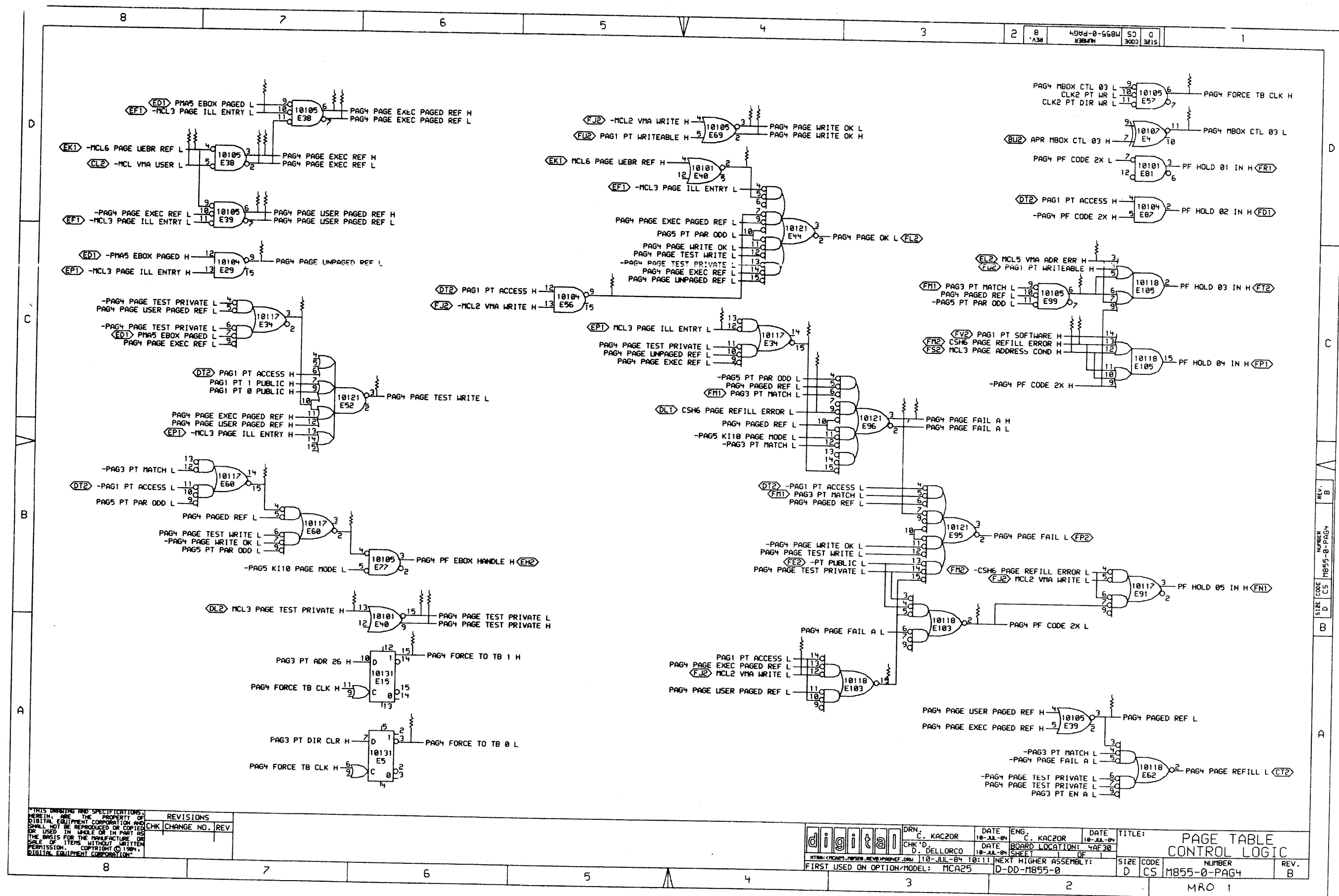
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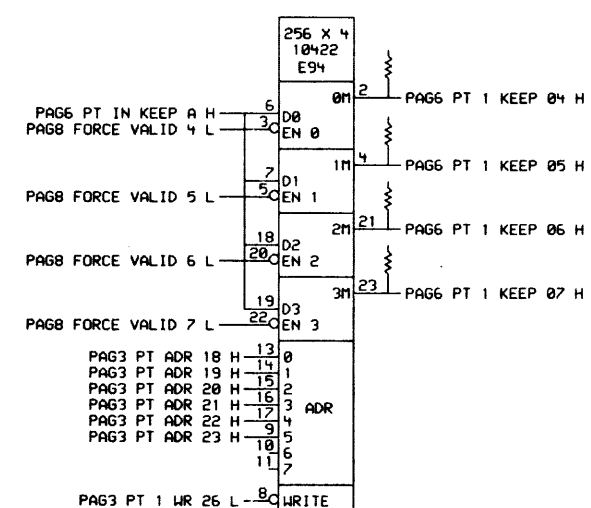
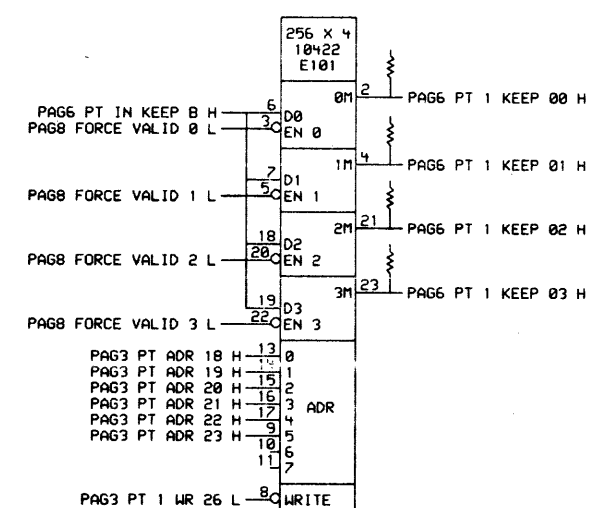
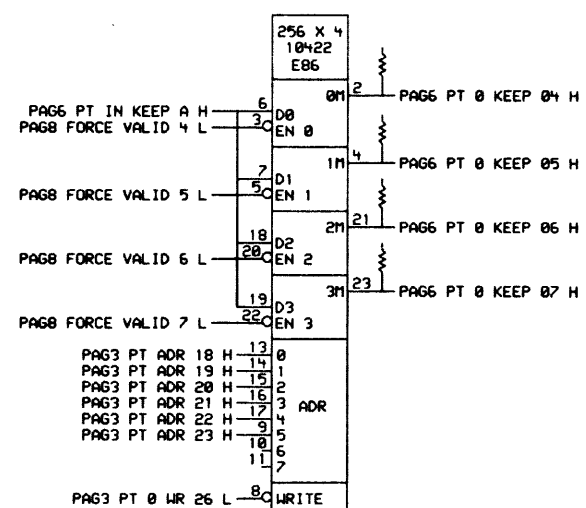
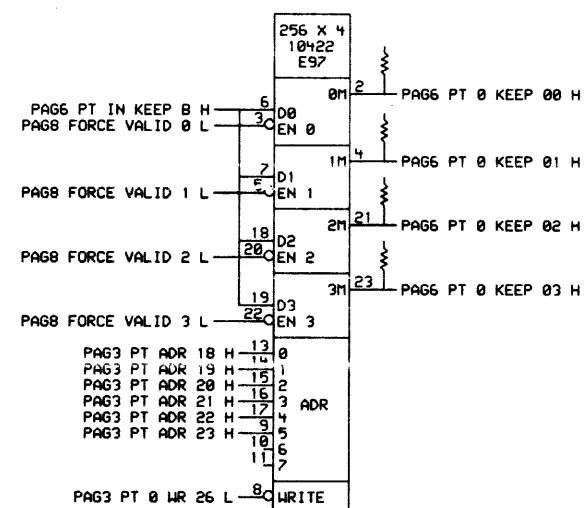
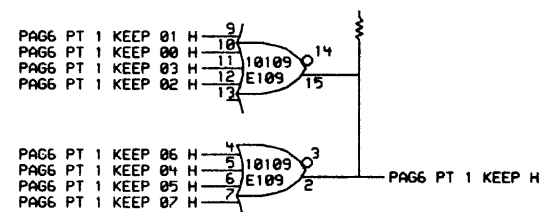
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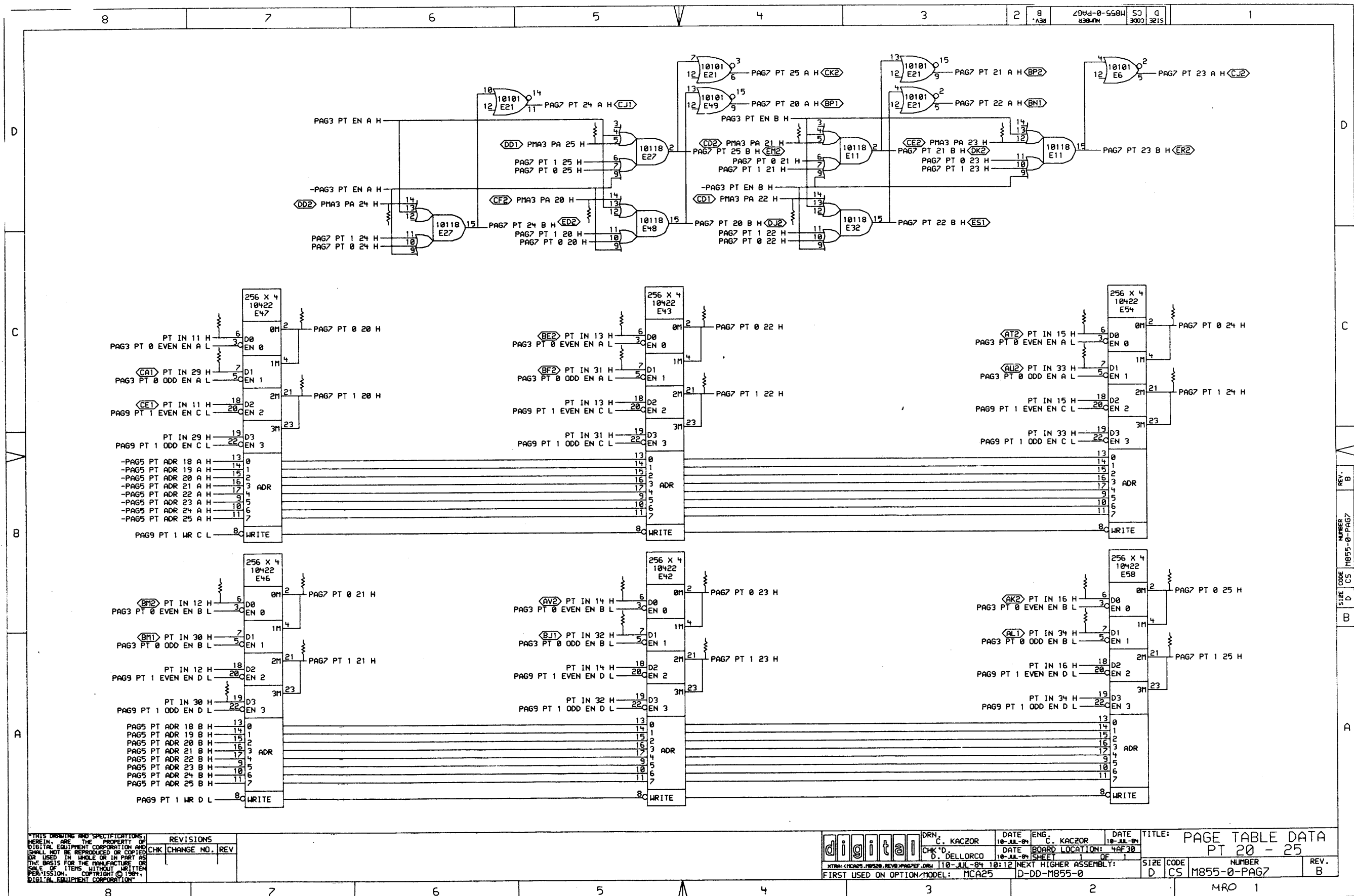
REVISIONS		
CHK	CHANGE NO.	REV

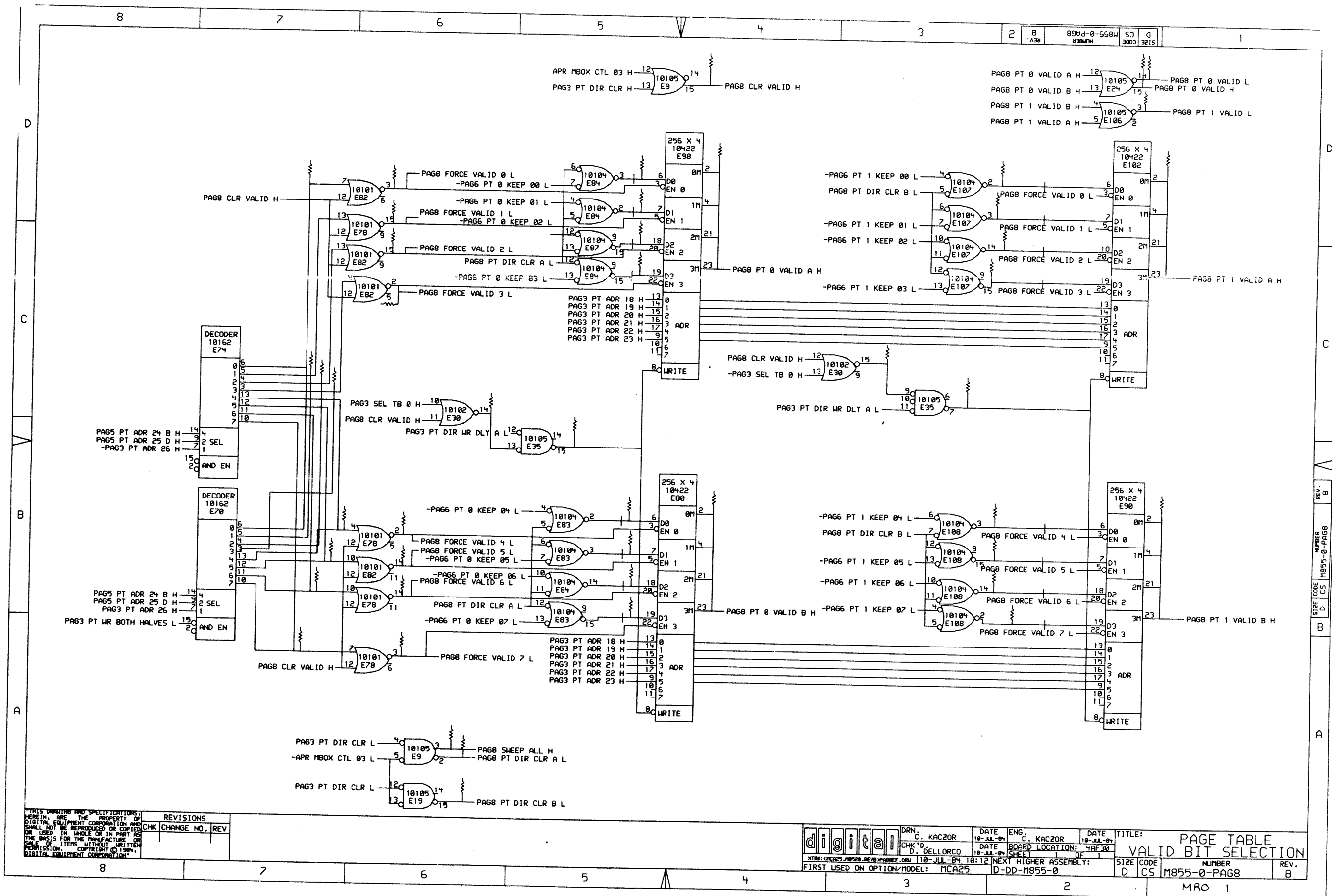
DRN	C. KACZOR
CHK'D	D. DELLORCO
EF.DRM	10-JUL-84 1
N/MODEL	MCA25

DATE 10-JUL-84	ENG. C. KACZOR	DATE 10-JUL-84
DATE 10-JUL-84	BOARD LOCATION: 4AF30	
0:12	SHEET 1 OF 1	
NEXT HIGHER ASSEMBLY: D-DD-M855-0		

TITLE: PAGING			
KEEP BIT SELECTION			
SIZE	CODE	NUMBER	REV.
D	CS	M855-0-PAGE 6	B

2





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REVISIONS	CHK	CHANGE NO.	REV

digital

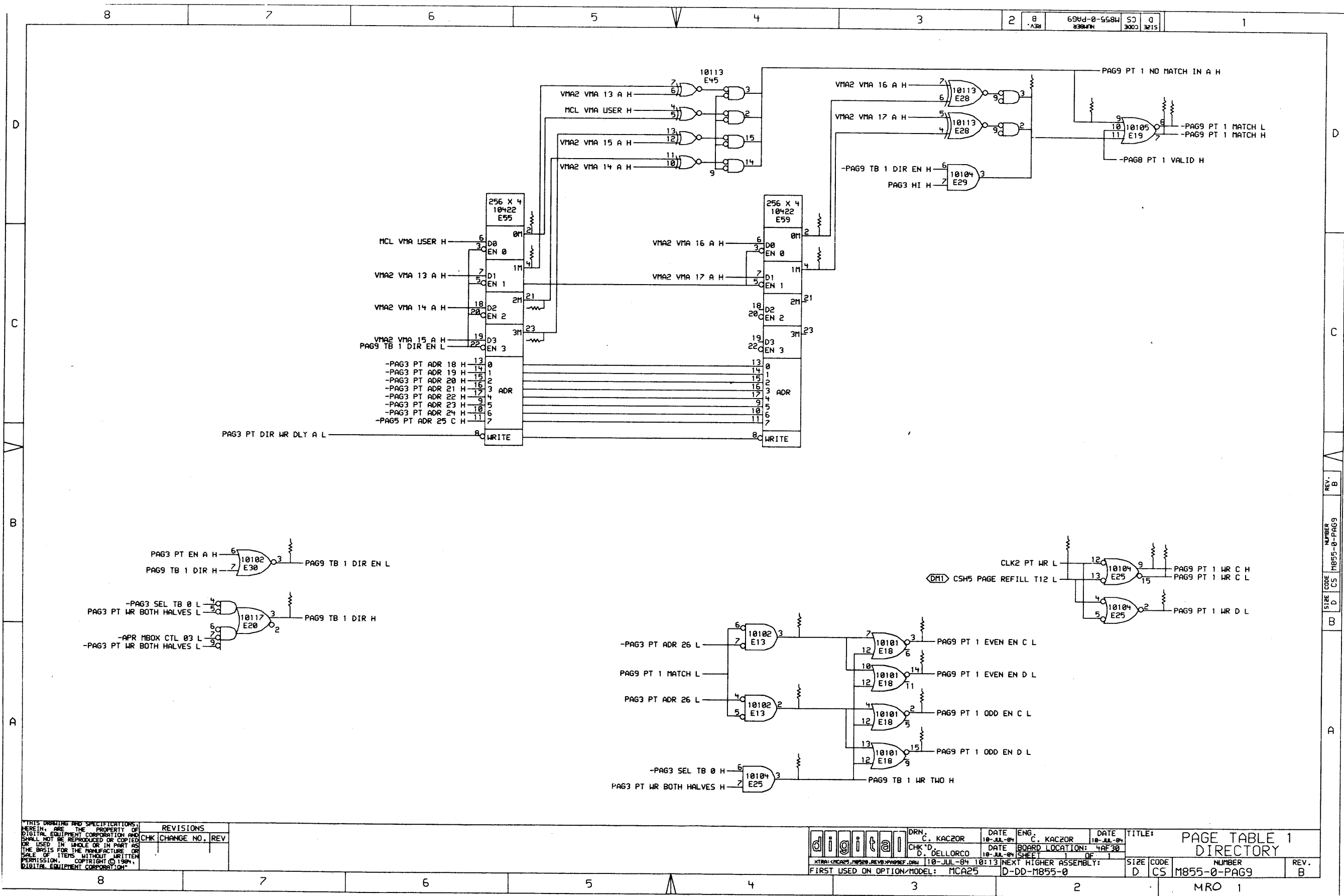
DRN. C. KACZOR
CHK'D. D. DELLORCO
DATE 10-JUL-84
DATE 10-JUL-84
SHEET 1 OF 1

ENG. C. KACZOR
DATE 10-JUL-84
BOARD LOCATION: 4AF30
TITLE: PAGE TABLE
VALID BIT SELECTION

FIRST USED ON OPTION/MODEL: MCA25
NEXT HIGHER ASSEMBLY: D-DD-M855-0

SIZE CODE D CS
NUMBER M855-0-PAG8
REV. B

MRO 1

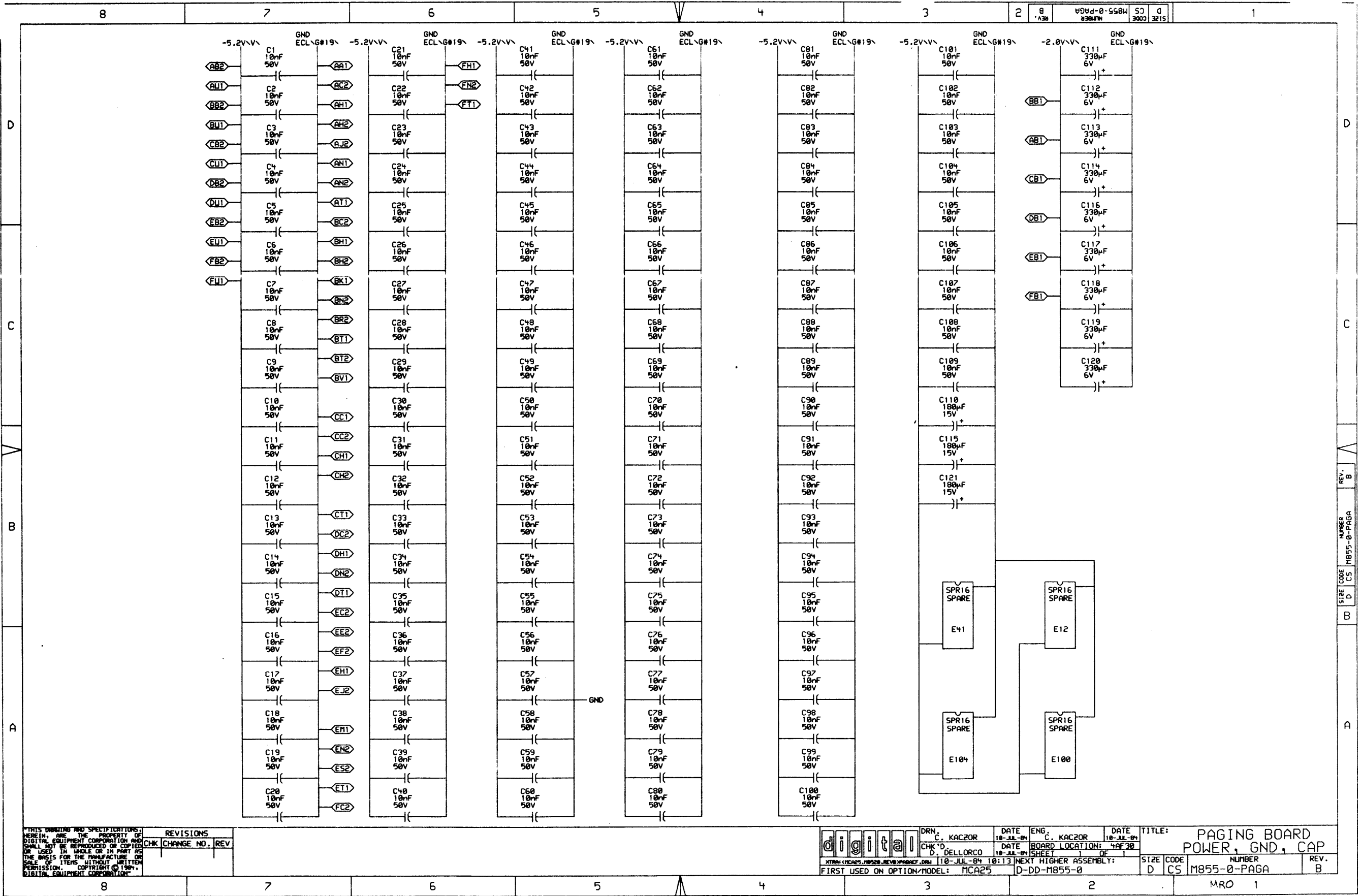


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REVISIONS	
CHK	CHANGE NO. REV

digital	DRN	C. KACZOR	DATE	10-JUL-84	ENG.	C. KACZOR	DATE	10-JUL-84	TITLE:	PAGE TABLE 1	
	CHK'D	D. DELLORCO	DATE	10-JUL-84	BOARD LOCATION:	4AF30	SHEET	1	OF	1	
FIRST USED ON OPTION/MODEL:		MCA25		NEXT HIGHER ASSEMBLY:		D-DD-M855-0		SIZE	CODE	NUMBER	REV.
								D	CS	M855-0-PAG9	B

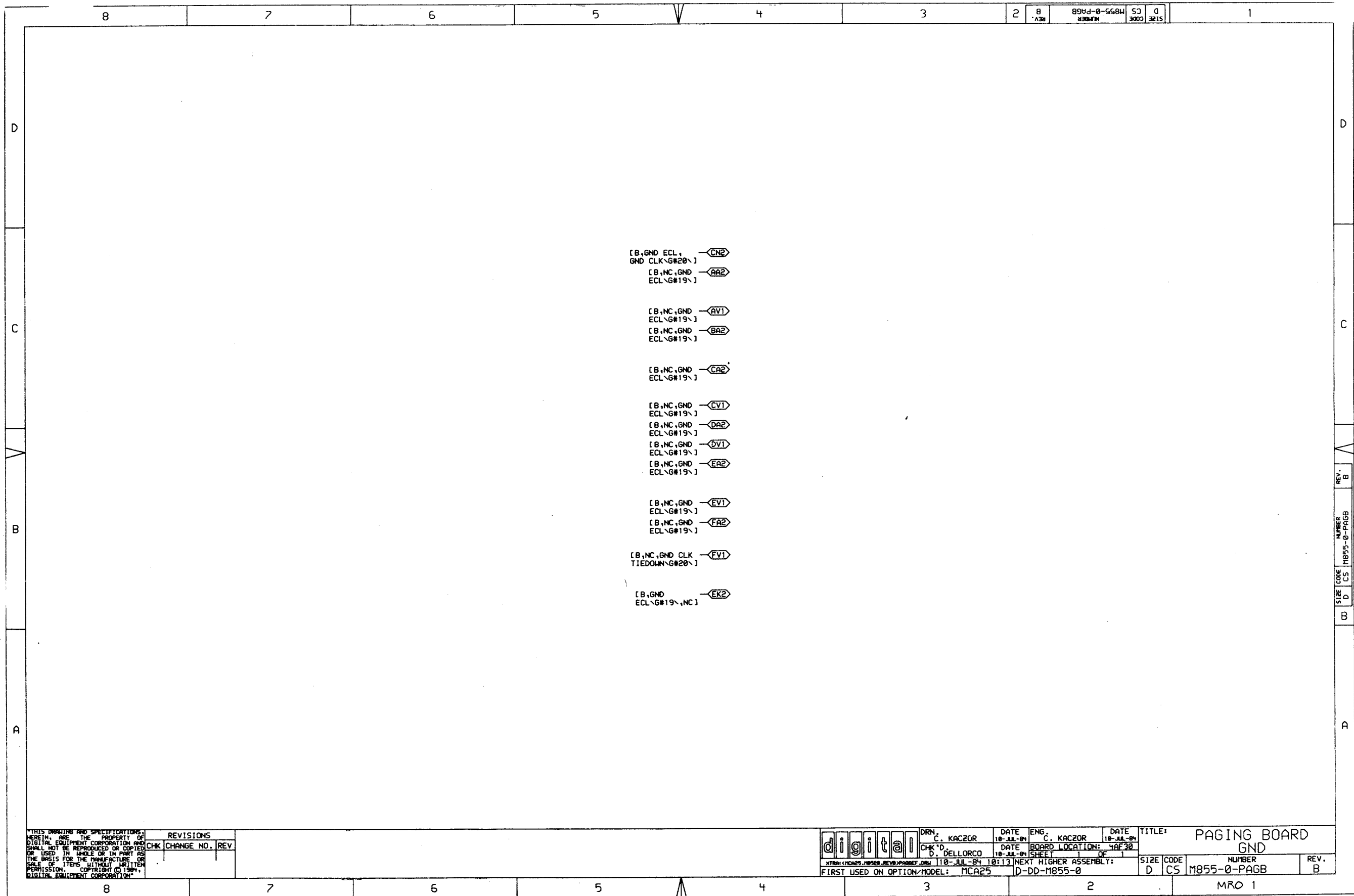
MRO 1



REVISIONS		
CHK	CHANGE NO.	REV

digital	DRN. C. KACZOR	DATE 10-JUL-84	ENG. C. KACZOR	DATE 10-JUL-84	TITLE: PAGING BOARD
	CHK'D D. DELLORCO	DATE 10-JUL-84	BOARD LOCATION: 4AF30	OF 1	POWER, GND, CAP
	FIRST USED ON OPTION/MODEL: MCA25				SIZE CODE D CS

REV. B
SIZE CODE CS
NUMBER M855-0-PAGA



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REVISIONS		
CHK	CHANGE NO.	REV.

digital

digital	DRN. C. KACZOR	DATE 10-JUL-84	ENG. C. KACZOR	DATE 10-JUL-84	TITLE: PAGING BOARD			
	CHK'D D. DELLORCO	DATE 10-JUL-84	BOARD LOCATION: 4AF30		GND			
XTRN (MCA25, M855, REV) PROBES ONLY		10-JUL-84 10:13	NEXT HIGHER ASSEMBLY:		SIZE D	CODE CS	NUMBER M855-0-PAGB	REV. B
FIRST USED ON OPTION/MODEL: MCA25		D-DD-M855-0						

[illegible]

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22(5)	PAG3	A5	68n	PAG3 PT ADR 25 B IN H	262(10)	PAG4	B3	68n	-PAG4 PF CODE 2X H	21(8)	PAG6	B1	68n	PAG6 PT 1 KEEP 04 H	267(3)	PAG9	D1	68n	-PAG9 PT 1 MATCH H
267(5)	PAG3	A7	68n	PAG3 PT ADR 26 H	238(8)	PAG5	A7	68n	PAG5 KI10 PAGE MODE H	225(10)	PAG6	B1	68n	PAG6 PT 1 KEEP 05 H	267(6)	PAG9	D2	68n	PAG9 PT 1 NO MATCH IN A H
266(8)	PAG3	A7	68n	-PAG3 PT ADR 26 H	240(6)	PAG5	B1	68n	PAG5 PT 0 EV PG PAR H	21(10)	PAG6	B1	68n	PAG6 PT 1 KEEP 06 H	226(10)	PAG9	A3	68n	-PAG9 PT 1 ODD EN C H
260(1)	PAG3	B7	68n	PAG3 PT ADR 26 A IN H	257(1)	PAG5	B1	68n	PAG5 PT 0 OD PG PAR H	243(10)	PAG6	A1	68n	PAG6 PT 1 KEEP 07 H	218(10)	PAG9	A3	68n	-PAG9 PT 1 ODD EN D H
213(3)	PAG3	B5	68n	PAG3 PT DIR CLR H	240(10)	PAG5	B1	68n	PAG5 PT 1 EV PG PAR H	216(1)	PAG6	B6	68n	PAG6 PT IN KEEP A H	212(1)	PAG9	B2	68n	PAG9 PT 1 WR C H
213(10)	PAG3	B5	68n	-PAG3 PT DIR CLR H	240(8)	PAG5	B1	68n	PAG5 PT 1 OD PG PAR H	253(1)	PAG6	A6	68n	PAG6 PT IN KEEP B H	256(5)	PAG9	B1	68n	-PAG9 PT 1 WR C H
R2(1)	PAG3	B7	100n	-PAG3 PT DIR WR H	226(3)	PAG5	C7	68n	-PAG5 PT ADR 18 A H	249(8)	PAG7	C7	68n	PAG7 PT 0 20 H	256(8)	PAG9	B1	68n	-PAG9 PT 1 WR D H
R1(1)	PAG3	B7	100n	-PAG3 PT DIR WR DLY H	218(3)	PAG5	C7	68n	PAG5 PT ADR 18 B H	241(5)	PAG7	B7	68n	PAG7 PT 0 21 H	211(8)	PAG9	B7	68n	PAG9 TB 1 DIR H
229(6)	PAG3	C7	68n	-PAG3 PT DIR WR DLY A H	254(5)	PAG5	B7	68n	-PAG5 PT ADR 19 A H	232(5)	PAG7	C4	68n	PAG7 PT 0 22 H	220(5)	PAG9	B7	68n	-PAG9 TB 1 DIR EN H
26(8)	PAG3	A1	68n	PAG3 PT EN A H	228(6)	PAG5	B7	68n	PAG5 PT ADR 19 B H	241(1)	PAG7	B4	68n	PAG7 PT 0 23 H	267(8)	PAG9	A4	68n	PAG9 TB 1 WR TWO H
265(5)	PAG3	A1	68n	-PAG3 PT EN A H	226(5)	PAG5	B7	68n	-PAG5 PT ADR 20 A H	232(3)	PAG7	C1	68n	PAG7 PT 0 24 H	27(10)	PAG2	D7	68n	PM3 PA 14 H
245(6)	PAG3	A1	68n	PAG3 PT EN B H	228(8)	PAG5	B7	68n	PAG5 PT ADR 20 B H	232(6)	PAG7	B2	68n	PAG7 PT 0 25 H	26(10)	PAG2	D5	68n	PM3 PA 15 H
250(6)	PAG3	A1	68n	-PAG3 PT EN B H	254(6)	PAG5	B7	68n	-PAG5 PT ADR 21 A H	223(8)	PAG7	C7	68n	PAG7 PT 1 20 H	26(5)	PAG2	D5	68n	PM3 PA 16 H
27(5)	PAG3	D2	68n	PAG3 PT MATCH H	218(5)	PAG5	B7	68n	PAG5 PT ADR 21 B H	241(6)	PAG7	A7	68n	PAG7 PT 1 21 H	234(10)	PAG2	D4	68n	PM3 PA 17 H
231(1)	PAG3	B5	68n	PAG3 PT WR BOTH HALVES H	246(5)	PAG5	C5	68n	-PAG5 PT ADR 22 A H	235(8)	PAG7	C4	68n	PAG7 PT 1 22 H	245(3)	PAG2	D4	68n	PM3 PA 18 H
25(1)	PAG3	B5	68n	-PAG3 PT WR BOTH HALVES H	234(8)	PAG5	C5	68n	PAG5 PT ADR 22 B H	242(8)	PAG7	A4	68n	PAG7 PT 1 23 H	245(8)	PAG2	D3	68n	PM3 PA 19 H
220(10)	PAG3	C1	68n	PAG3 SEL TB 0 H	216(10)	PAG5	B5	68n	-PAG5 PT ADR 23 A H	237(8)	PAG7	C1	68n	PAG7 PT 1 24 H	29(8)	PAG2	D5	68n	PM3 PA 20 H
229(3)	PAG3	C1	68n	-PAG3 SEL TB 0 H	262(6)	PAG5	B5	68n	PAG5 PT ADR 23 B H	234(6)	PAG7	A2	68n	PAG7 PT 1 25 H	241(3)	PAG7	D4	68n	PM3 PA 21 H
229(5)	PAG3	B5	68n	PAG3 TB 0 DIR H	226(8)	PAG5	B5	68n	-PAG5 PT ADR 24 A H	24(6)	PAG8	D4	68n	PAG8 CLR VALID H	234(5)	PAG7	D4	68n	PM3 PA 22 H
264(3)	PAG3	B5	68n	-PAG3 TB 0 DIR EN H	25(3)	PAG5	B5	68n	PAG5 PT ADR 24 B H	224(5)	PAG8	D6	68n	-PAG8 FORCE VALID 0 H	242(10)	PAG7	D3	68n	PM3 PA 23 H
266(3)	PAG3	A2	68n	PAG3 TB 0 WR TWO H	222(8)	PAG5	B5	68n	-PAG5 PT ADR 25 A H	253(3)	PAG8	D6	68n	-PAG8 FORCE VALID 1 H	237(6)	PAG7	D6	68n	PM3 PA 24 H
233(1)	PAG4	D1	68n	PAG4 FORCE TB CLK H	257(6)	PAG5	B5	68n	PAG5 PT ADR 25 B H	224(1)	PAG8	C6	68n	-PAG8 FORCE VAL'D 2 H	237(10)	PAG7	D5	68n	PM3 PA 25 H
233(8)	PAG4	A6	68n	-PAG4 FORCE TO TB 0 H	264(6)	PAG5	A5	68n	-PAG5 PT ADR 25 C H	252(6)	PAG8	C6	68n	-PAG8 FORCE VALID 3 H	226(6)	PAG1	C8	68n	PT IN 00 H
233(3)	PAG4	A6	68n	PAG4 FORCE TO TB 1 H	222(3)	PAG5	A5	68n	PAG5 PT ADR 25 D H	215(6)	PAG8	B6	68n	-PAG8 FORCE VALID 4 H	218(1)	PAG1	B8	68n	PT IN 01 H
220(1)	PAG4	D1	68n	-PAG4 MBOX CTL 03 H	22(10)	PAG5	C1	68n	PAG5 PT PAR ODD H	215(5)	PAG8	B6	68n	-PAG8 FORCE VALID 5 H	226(1)	PAG1	C6	68n	PT IN 02 H
268(5)	PAG4	D7	68n	PAG4 PAGE EXEC PAGED REF H	249(3)	PAG5	C1	68n	-PAG5 PT PAR ODD H	215(1)	PAG8	B6	68n	-PAG8 FORCE VALID 6 H	218(6)	PAG1	B6	68n	PT IN 03 H
225(3)	PAG4	D7	68n	-PAG4 PAGE EXEC PAGED REF H	229(10)	PAG6	D6	68n	PAG6 PT 0 KEEP H	214(3)	PAG8	A6	68n	-PAG8 FORCE VALID 7 H	228(10)	PAG1	C4	68n	PT IN 04 H
248(3)	PAG4	D7	68n	PAG4 PAGE EXEC REF H	244(1)	PAG6	D4	68n	PAG6 PT 0 KEEP 00 H	233(5)	PAG8	D2	68n	PAG8 PT 0 VALID H	255(8)	PAG2	C7	68n	PT IN 05 H
29(1)	PAG4	D7	68n	-PAG4 PAGE EXEC REF H	23(5)	PAG6	D4	68n	PAG6 PT 0 KEEP 01 H	271(3)	PAG8	D2	68n	-PAG8 PT 0 VALID H	264(10)	PAG2	B7	68n	PT IN 06 H
26(1)	PAG4	C3	68n	PAG4 PAGE FAIL A H	244(3)	PAG6	D4	68n	PAG6 PT 0 KEEP 02 H	211(1)	PAG8	D4	68n	PAG8 PT 0 VALID A H	255(6)	PAG2	C5	68n	PT IN 07 H
225(6)	PAG4	C3	68n	-PAG4 PAGE FAIL A H	23(1)	PAG6	C4	68n	PAG6 PT 0 KEEP 03 H	212(10)	PAG8	B4	68n	PAG8 PT 0 VALID B H	228(1)	PAG2	B5	68n	PT IN 08 H
265(3)	PAG4	B6	68n	PAG4 PAGE TEST PRIVATE H	23(10)	PAG6	B4	68n	PAG6 PT 0 KEEP 04 H	233(6)	PAG8	D2	68n	-PAG8 PT 1 VALID H	255(5)	PAG2	C2	68n	PT IN 09 H
225(5)	PAG4	B6	68n	-PAG4 PAGE TEST PRIVATE H	244(5)	PAG6	B4	68n	PAG6 PT 0 KEEP 05 H	224(8)	PAG8	D1	68n	PAG8 PT 1 VALID A H	255(1)	PAG2	B2	68n	PT IN 10 H
259(1)	PAG4	C6	68n	-PAG4 PAGE TEST WRITE H	23(8)	PAG6	B4	68n	PAG6 PT 0 KEEP 06 H	252(10)	PAG8	B1	68n	PAG8 PT 1 VALID B H	222(10)	PAG7	C7	68n	PT IN 11 H
29(3)	PAG4	C7	68n	-PAG4 PAGE UNPAGED REF H	244(6)	PAG6	A4	68n	PAG6 PT 0 KEEP 07 H	260(10)	PAG8	A6	68n	-PAG8 PT DIR CLR A H	257(10)	PAG7	B7	68n	PT IN 12 H
28(3)	PAG4	D7	68n	PAG4 PAGE USER PAGED REF H	212(6)	PAG6	C6	68n	PAG6 PT 1 KEEP H	225(8)	PAG8	A6	68n	-PAG8 PT DIR CLR B H	222(5)	PAG7	C5	68n	PT IN 13 H
225(1)	PAG4	D7	68n	-PAG4 PAGE USER PAGED REF H	243(8)	PAG6	D1	68n	PAG6 PT 1 KEEP 00 H	267(1)	PAG8	A6	68n	PAG8 SWEEP ALL H	257(8)	PAG7	B5	68n	PT IN 14 H
259(5)	PAG4	D4	68n	PAG4 PAGE WRITE OK H	243(6)	PAG6	D1	68n	PAG6 PT 1 KEEP 01 H	254(10)	PAG9	A3	68n	-PAG9 PT 1 EVEN EN C H	256(3)	PAG7	C2	68n	PT IN 15 H
249(1)	PAG4	D4	68n	-PAG4 PAGE WRITE OK H	21(6)	PAG6	D1	68n	PAG6 PT 1 KEEP 02 H	218(8)	PAG9	A3	68n	-PAG9 PT 1 EVEN EN D H	230(6)	PAG7	B2	68n	PT IN 16 H
252(1)	PAG4	A2	68n	-PAG4 PAGED REF H	243(5)	PAG6	C1	68n	PAG6 PT 1 KEEP 03 H	22(1)	PAG9	D1	68n	PAG9 PT 1 MATCH H	222(1)	PAG1	B3	68n	PT IN 17 H
NOTE:																			
1. ALL TERMINATORS HAVE PIN TWO CONNECTED TO -2.0V AND ARE 5% 1/4WATT UNLESS OTHERWISE SPECIFIED																			
2. ENTRIES ARE SORTED BY SIGNAL NAME																			
3. % INDICATES OUTPUT OF DIP LOC AND (>) INDICATES PIN NUMBER																			
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REVISIONS																			
CHK CHANGE NO. REV																			
digital																			
DATE 06-AUG-84 ENG. C. KACZOR DATE 06-AUG-84 TITLE: ETCH PAGER TERMINATORS																			
CHK'D D. DELLORCO DATE 06-AUG-84 BOARD LOCATION: 4AF30																			
SHEET 2 OF 3																			
NEXT HIGHER ASSEMBLY:																			
FIRST USED ON OPTION/MODEL: MCA25 D-DD-M855-0																			
SIZE CODE NUMBER REV.																			
D CS M855-0-RES B																			
MRO 1																			

8	7	6	5	4	3	2	8 REV. A	538-0-RES NUMBER	CS 3000	D 3215	1					
RESISTOR LOC(PIN) SHOWN ON DRW# REF VALUE TERMINATES SIGNAL 254(8) PAG1 C8 68n PT IN 18 H 250(1) PAG1 A8 68n PT IN 19 H 254(3) PAG1 C6 68n PT IN 20 H 262(1) PAG1 A6 68n PT IN 21 H 254(1) PAG1 C4 68n PT IN 22 H 255(10) PAG2 C7 68n PT IN 23 H 254(8) PAG2 A7 68n PT IN 24 H 220(5) PAG2 B5 68n PT IN 25 H 256(10) PAG2 A5 68n PT IN 26 H 255(3) PAG2 C2 68n PT IN 27 H 220(3) PAG2 A2 68n PT IN 28 H 270(1) PAG7 C7 68n PT IN 29 H 230(1) PAG7 A7 68n PT IN 30 H 222(6) PAG7 C5 68n PT IN 31 H 232(10) PAG7 B5 68n PT IN 32 H 230(5) PAG7 C2 68n PT IN 33 H 256(6) PAG7 B2 68n PT IN 34 H 246(3) PAG1 A3 68n PT IN 35 H 213(5) PAG5 A4 68n SH AR PAR ODD A H 220(3) PAG3 C6 68n VMA2 VMA 13 A H 270(10) PAG3 C6 68n VMA2 VMA 14 A H 270(8) PAG3 C6 68n VMA2 VMA 15 A H 219(3) PAG3 D4 68n VMA2 VMA 16 A H 270(3) PAG3 B7 68n VMA2 VMA 17 H 219(5) PAG3 C4 68n VMA2 VMA 17 A H 242(6) PAG3 D8 68n VMA2 VMA 18 H 269(1) PAG3 B7 68n VMA2 VMA 19 H 270(6) PAG3 B7 68n VMA2 VMA 20 H 242(5) PAG3 D8 68n VMA2 VMA 21 H 236(8) PAG3 D8 68n VMA2 VMA 22 H 242(3) PAG3 C8 68n VMA2 VMA 23 H 251(10) PAG3 A5 68n VMA2 VMA 24 H 251(6) PAG3 A7 68n VMA2 VMA 25 H 261(1) PAG3 A7 68n VMA2 VMA 26 H																
NOTE: 1. ALL TERMINATORS HAVE PIN TWO CONNECTED TO -2.0V AND ARE 5% 1/4WATT UNLESS OTHERWISE SPECIFIED 2. ENTRIES ARE SORTED BY SIGNAL NAME 3. % INDICATES OUTPUT OF DIP LOC AND () INDICATES PIN NUMBER																
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CHK	CHANGE NO.	REV														
8	7	6	5	4	3	2										

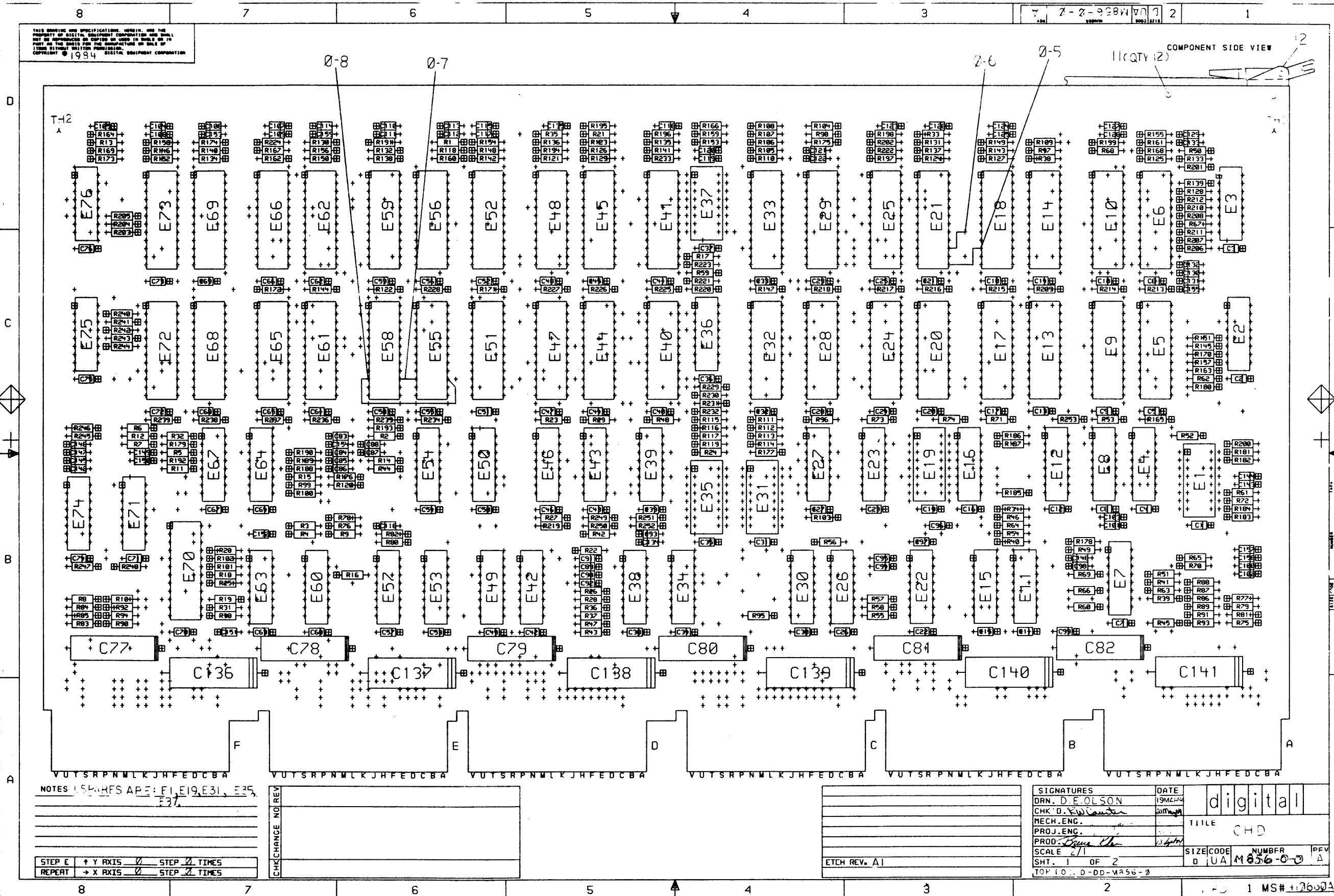
DRAWING NUMBER	NO.OF SHT	PART NUMBER	DESCRIPTION	REVISION
		M856-00	MODULE REVISION	A1
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K-PL-M856-0-DBP	2		PART LIST, M856	A
D-CS-M856-0-CHD1	1		CACHE DATA BITS [N+00],[N+01]	A
D-CS-M856-0-CHD2	1		CACHE DATA BITS [N+02],[N+03]	A
D-CS-M856-0-CHD3	1		CACHE DATA BITS [N+04],[N+05]	A
D-CS-M856-0-CHD4	1		CACHE DATA BITS [N+06],[N+07]	A
D-CS-M856-0-CHD5	1		CACHE DATA BIT [N+08]	A
D-CS-M856-0-CHD6	1		CACHE DATA ADDRESSING LOGIC	A
D-CS-M856-0-CHD7	1		CACHE SEL LOGIC TERMINATORS	A
D-CS-M856-0-CHD8	1		CACHE DATA TERMINATORS	A
D-CS-M856-0-RES	1		CACHE DATA TERMINATORS	A
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K-PC-M856-0-DBI	-		P.C. DESIGN DATA BASE TAPE	A
D-DD-5017662-0	1		DRAWING DIRECTORY, 5017662	REF

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CHK	CHANGE NO.	REV

digital	DRW. <i>S. Jansky</i>	DATE 13-SEP-84	ENG. C.A. JENS	DATE 13-SEP-84	TITLE: M856
	CHK'D D. DELLORCO	DATE 13-SEP-84	BOARD LOCATION: N/A	DE 1	DRAWING DIRECTORY
DSK:M856A.T2P(4,21)		13-SEP-84 14:24	NEXT HIGHER ASSEMBLY:	SIZE CODE D DD	NUMBER 1 M856-0
FIRST USED ON OPTION/MODEL: KL10-PW		MCA25			REV. A

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NOTES: 1. PARTS ARE: E1, E19, E31, E35, E37.

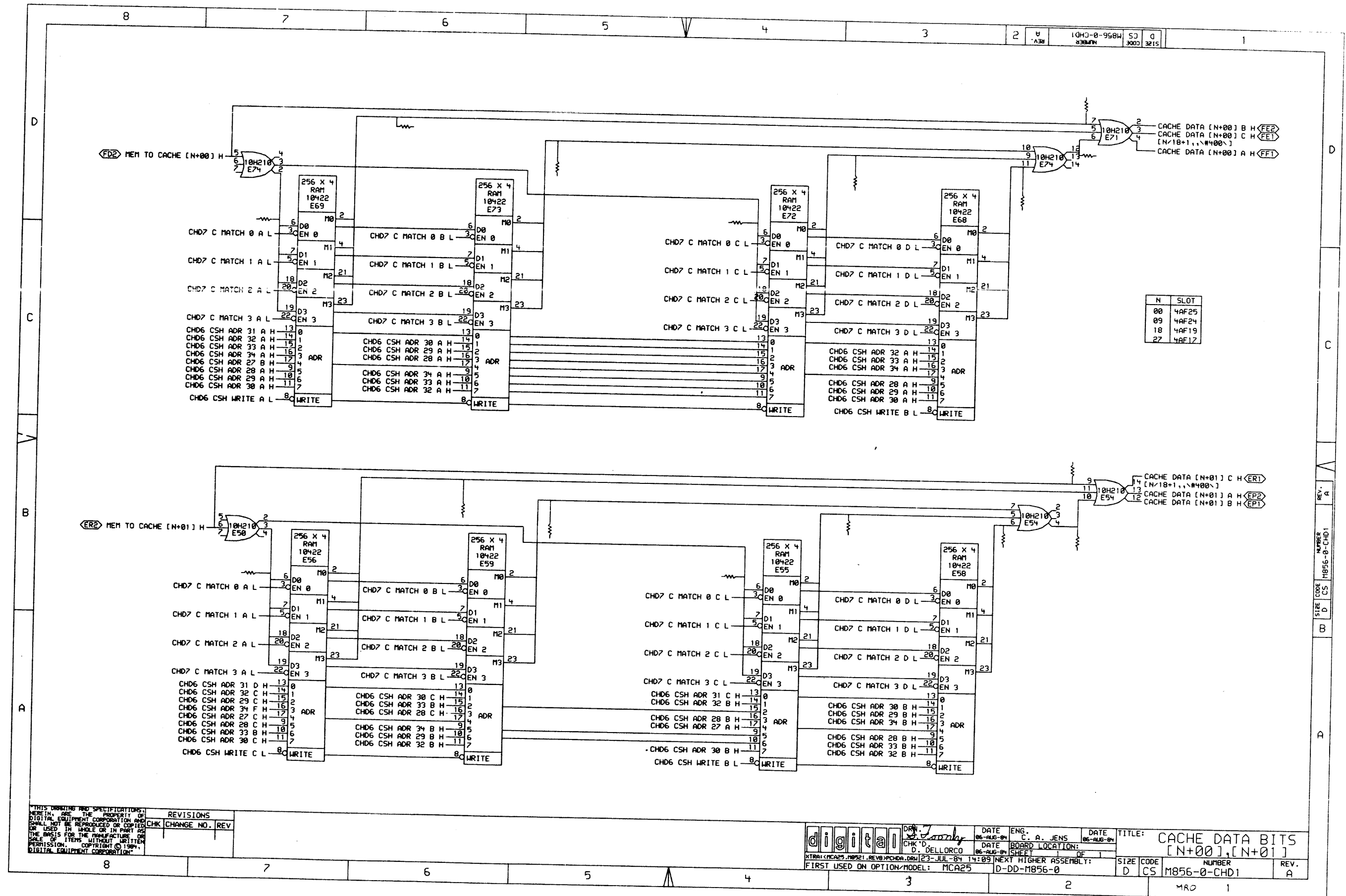
STEP E + Y AXIS 0 STEP 0 TIMES
REPEAT + X AXIS 0 STEP 0 TIMES

CHK	CHANGE	NO	REV

ETCH REV. A1

SIGNATURES	DATE	digital
DRN. D.E. OLSON	19MAY84	
CHK. D. W. LAMBERT	21MAY84	TITLE
MECH. ENG.		
PROJ. ENG.		CHD
PROD. Brian Kline	13JUN84	
SCALE 1/1	SIZE CODE	NUMBER
SHT. 1 OF 2	D U A	
TOP LO. D-DD-MA56-2		PEV

MS# 112600A



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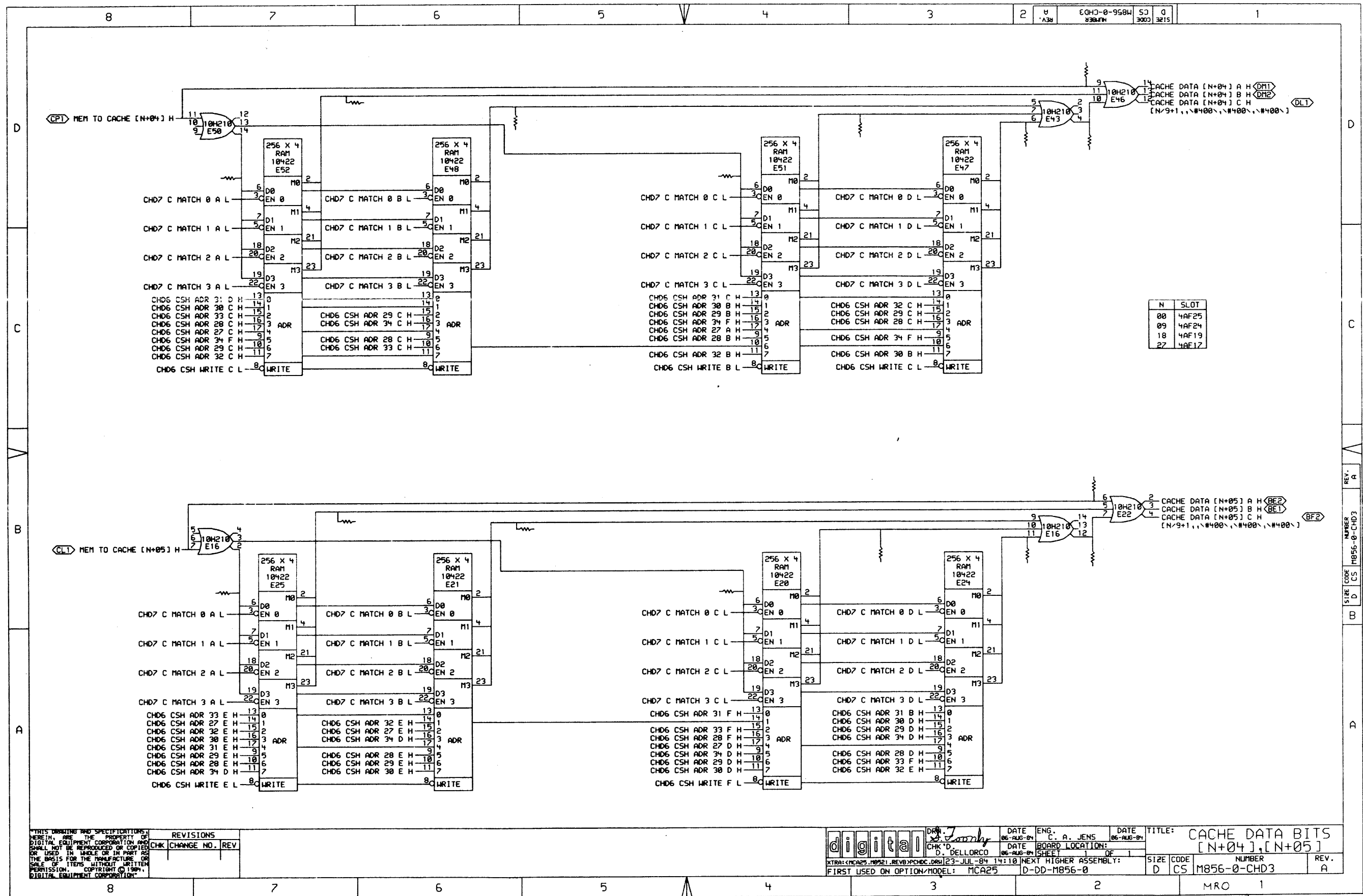
REVISIONS	
CHK	CHANGE NO. REV

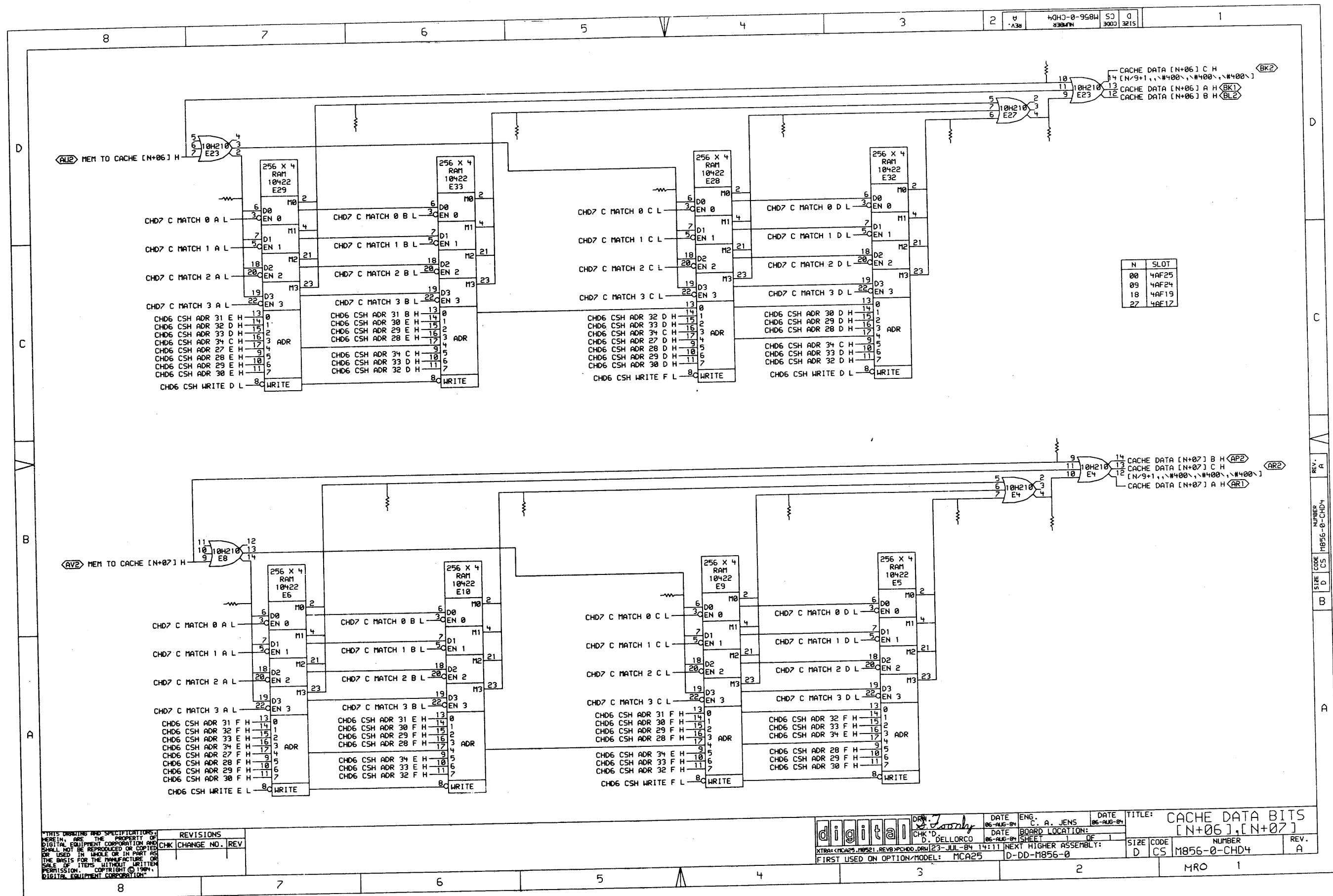
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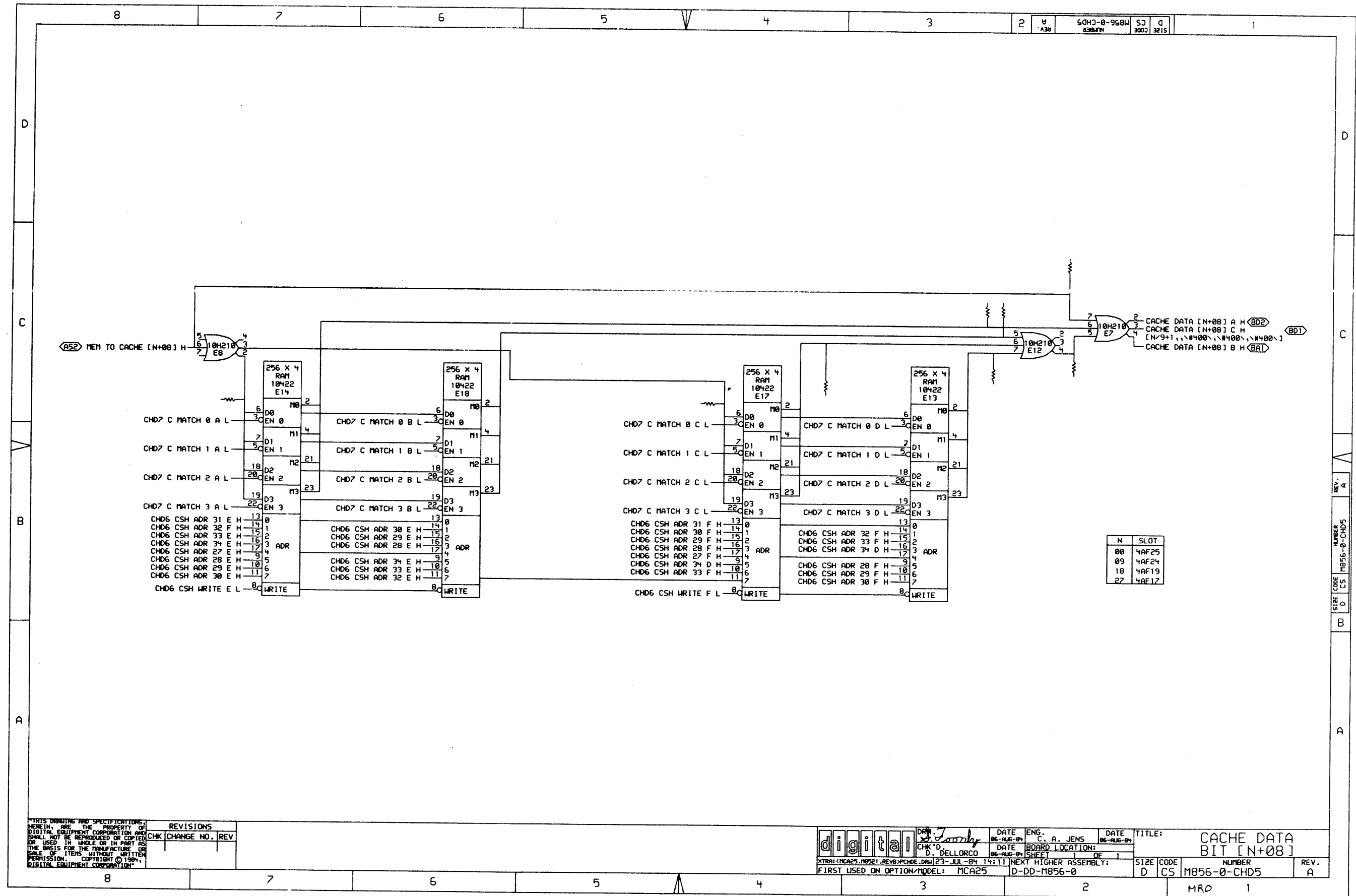
DATE: 06-AUG-84
 ENG: C. A. JENS
 DATE: 06-AUG-84
 BOARD LOCATION: 1
 SHEET: 1
 NEXT HIGHER ASSEMBLY: D-DD-M856-0

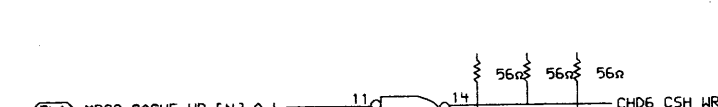
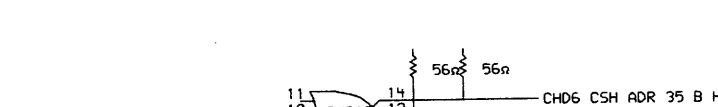
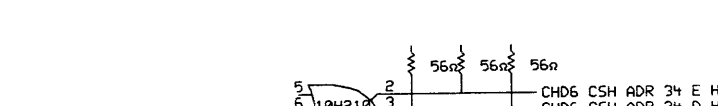
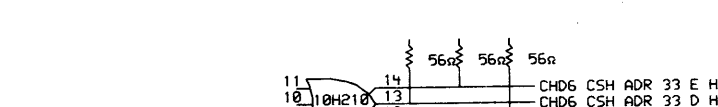
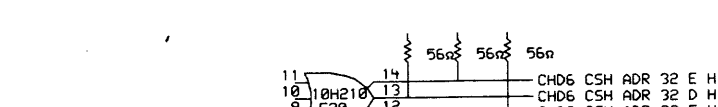
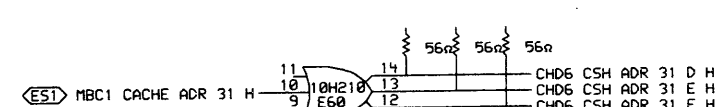
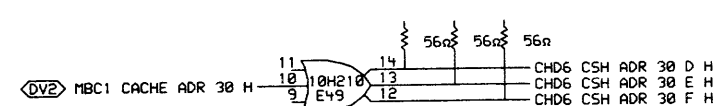
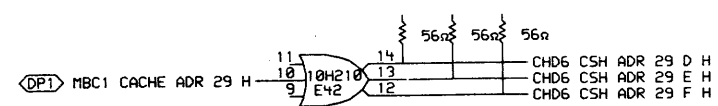
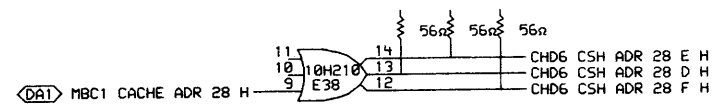
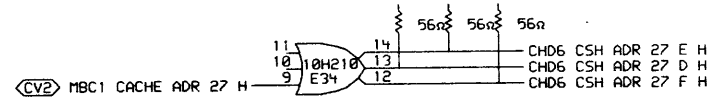
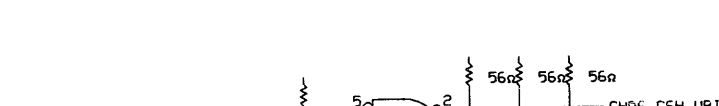
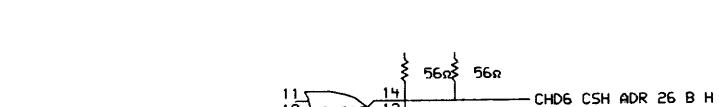
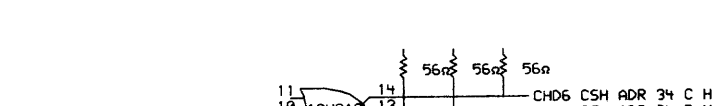
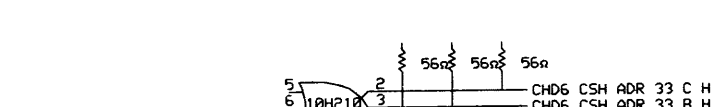
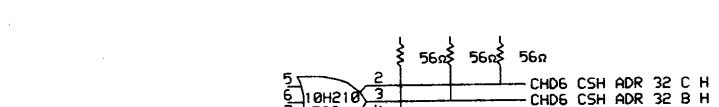
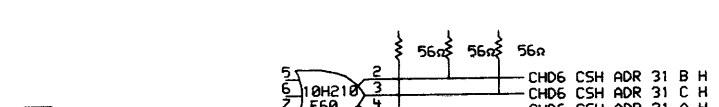
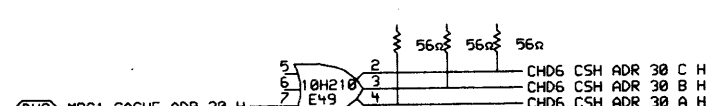
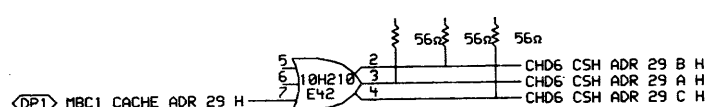
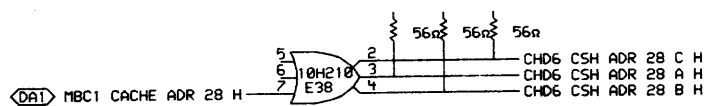
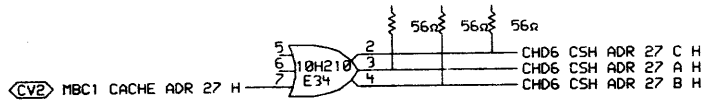
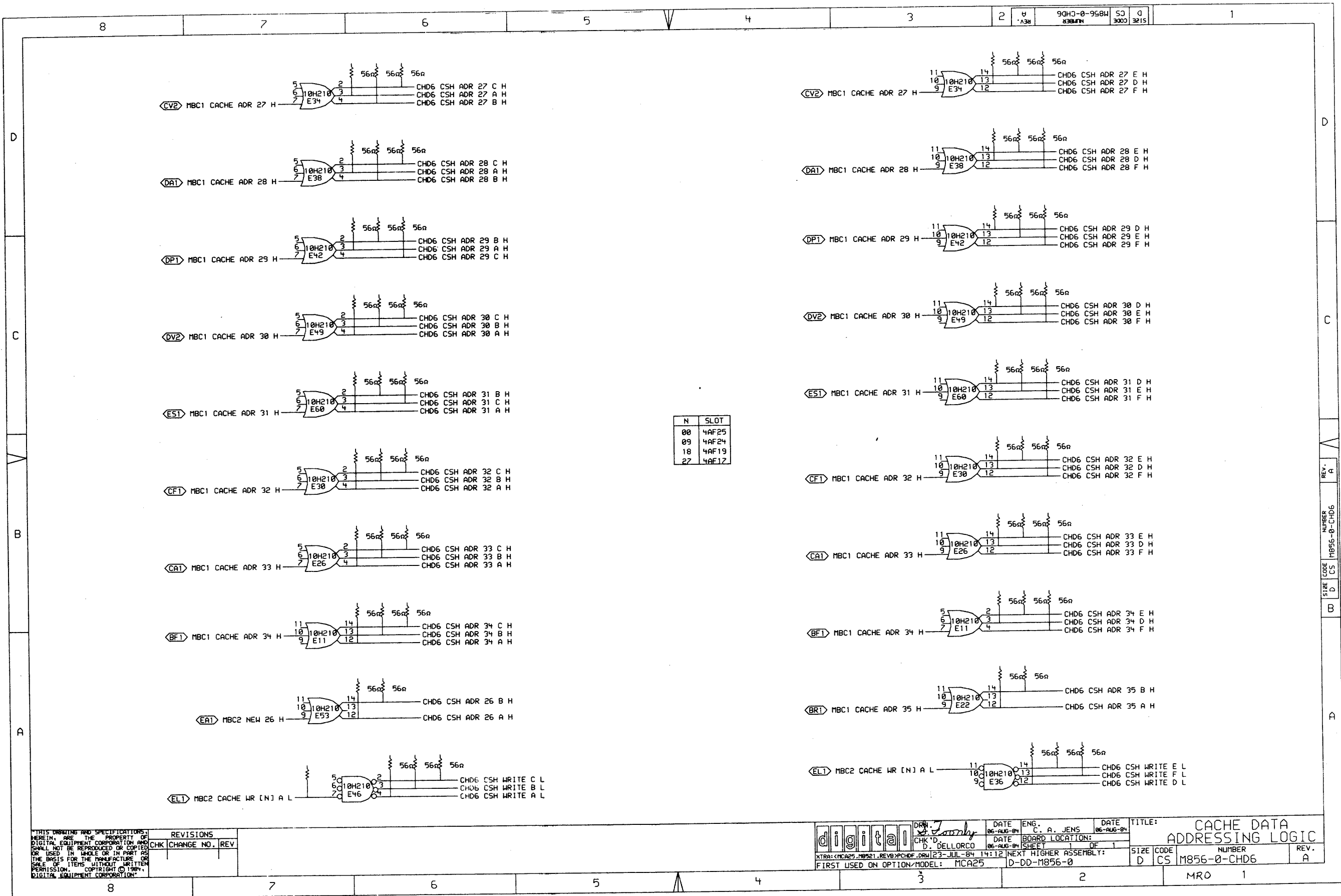
TITLE: CACHE DATA BITS [N+00], [N+01]

SIZE CODE: D CS
 NUMBER: M856-0-CHD1
 REV: A





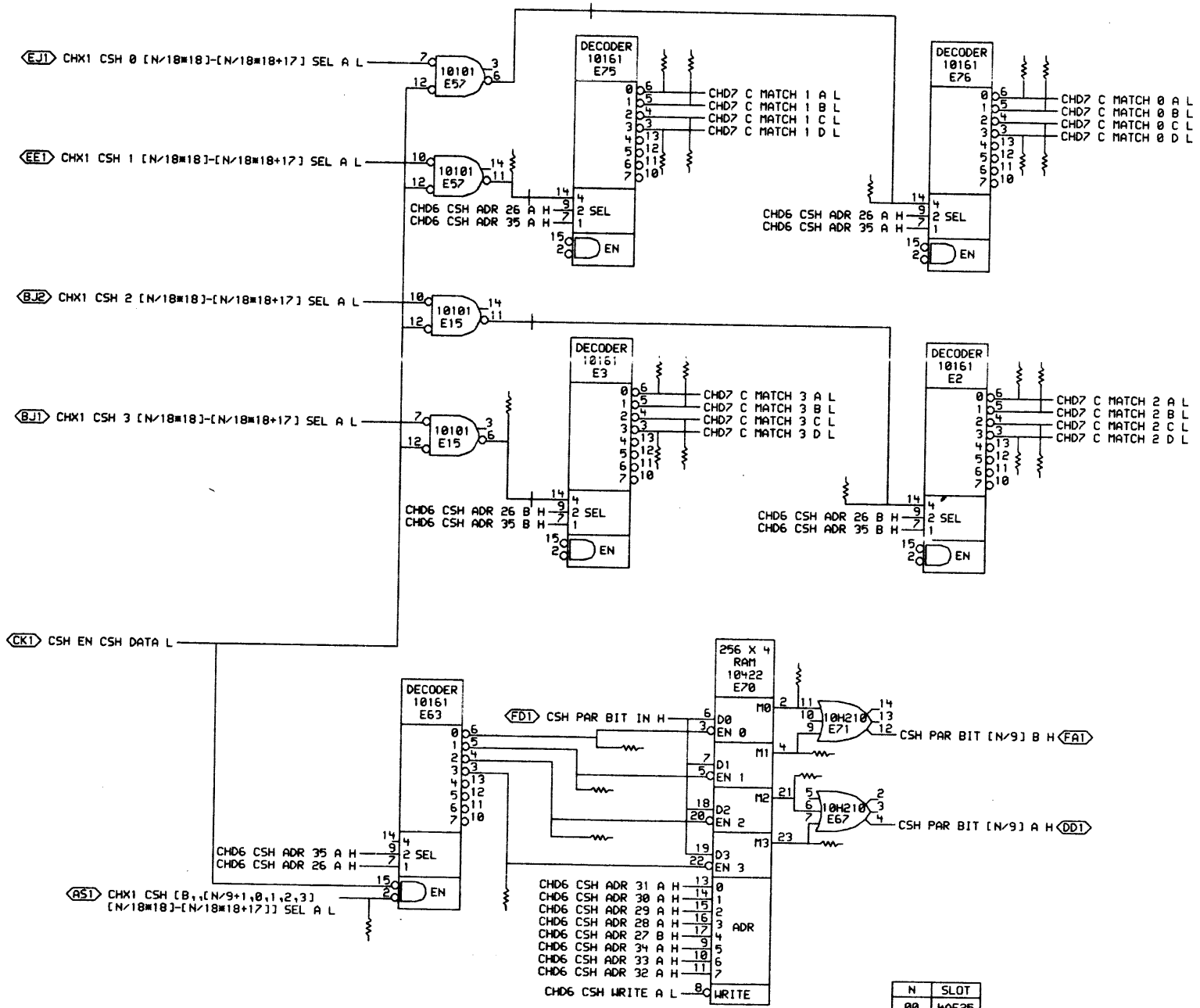




N	SLOT
00	4AF25
09	4AF24
18	4AF19
27	4AF17

REVISIONS		
CHK	CHANGE NO.	REV

digital	DATE	ENG.	DATE	TITLE:	
	06-AUG-84	C. A. JENS	06-AUG-84	CACHE DATA ADDRESSING LOGIC	
CHK'D	DATE	BOARD LOCATION:	DATE	SIZE	CODE
D. DELLORCO	06-AUG-84	14:12	06-AUG-84	D	CS
FIRST USED ON OPTION/MODEL: MCA25				NUMBER	
				M856-0-CHD6	
				REV.	
				A	



- CF2 [B,CHD7 TERM 00 [N] H, [N/27+1,CHD7 TERM 00 [N] H*400\, MBC2 NEW 26 H]]
- FP2 [B,CHD7 TERM 01 H,[N/9+1,CHD7 TERM 01 00 H*400\, CHD7 TERM 01 09 H*400\,CCW BUF ADR 0 H, MBC1 CACHE ADR 28 H]]
- AF1 [B,CHD7 TERM 02 [N] H,[N/9+1, CHD7 TERM 02 00 H*400\,CHX1 CSH 3 00-17 SEL A L, CHD7 TERM 02 18 H*400\,MBC1 CACHE ADR 32 H]]
- FP1 [B,CHD7 TERM 03 [N] H,[N/9+1,CSH PAR BIT IN H, CHD7 TERM 03 09 H*400\, CCW BUF ADR 1 H,MBC1 CACHE ADR 29 H]]
- AF2 [B,CHD7 TERM 04 [N] H,[N/27+1, CHD7 TERM 04 [N] H*400\,MBC1 CACHE ADR 33 H]]
- FR1 [B,CHD7 TERM 05 [N] H,[N/27+1, CHD7 TERM 05 [N] H*400\,MBC1 CACHE ADR 30 H]]
- AL1 [B,CHD7 TERM 06 [N] H,[N/9+1, CHD7 TERM 06 00 H*400\,CHD7 TERM 06 09 H*400\, PMA 34 H,MBC1 CACHE ADR 34 H]]
- AM1 [B,CHD7 TERM 07 [N] H,[N/27+1, CHD7 TERM 07 [N] H*400\,MBC1 CACHE ADR 35 H]]
- AM2 [B,CHD7 TERM 08 [N] H,[N/27+1, CHD7 TERM 08 [N] H*400\, MBC1 CACHE ADR 35 L]]
- AL2 CHD7 TERM 09 [N] H*400\
- FS1 [B,CHD7 TERM 10 [N] H,[N/27+1, CHD7 TERM 10 [N] H*400\, MBC1 CACHE ADR 31 H]]
- FS2 [B,CHD7 TERM 11 [N] H,[N/9+1, CHD7 TERM 11 00 H*400\,CHD7 TERM 11 09 H*400\, CACHE EXISTS L,CHX1 CSH 0 18-35 SEL A L]]
- FR2 [B,CHD7 TERM 12 [N] H,[N/9+1,PMA5 EBOX PAGED H, CHD7 TERM 12 09 H*400\,CHX1 CSH 1 18-35 SEL A L, CCW BUF ADR 2 H]]
- AD2 CHD7 TERM 13 [N] H*400\
- AE2 [B,CHD7 TERM 14 [N] H,[N/27+1, CHD7 TERM 14 [N] H*400\, CCL CH BUF EN L]]
- AE1 CHD7 TERM 15 [N] H*400\
- AD1 CHD7 TERM 16 [N] H*400\
- AP1 [B,CHD7 TERM 17 H,[N/9+1, CSH EN CSH DATA L, CHX1 CSH 2 00-17 SEL A L, PMA 35 H,MBC1 CACHE ADR 27 H]]

N	SLOT
00	4AF25
09	4AF24
18	4AF19
27	4AF17

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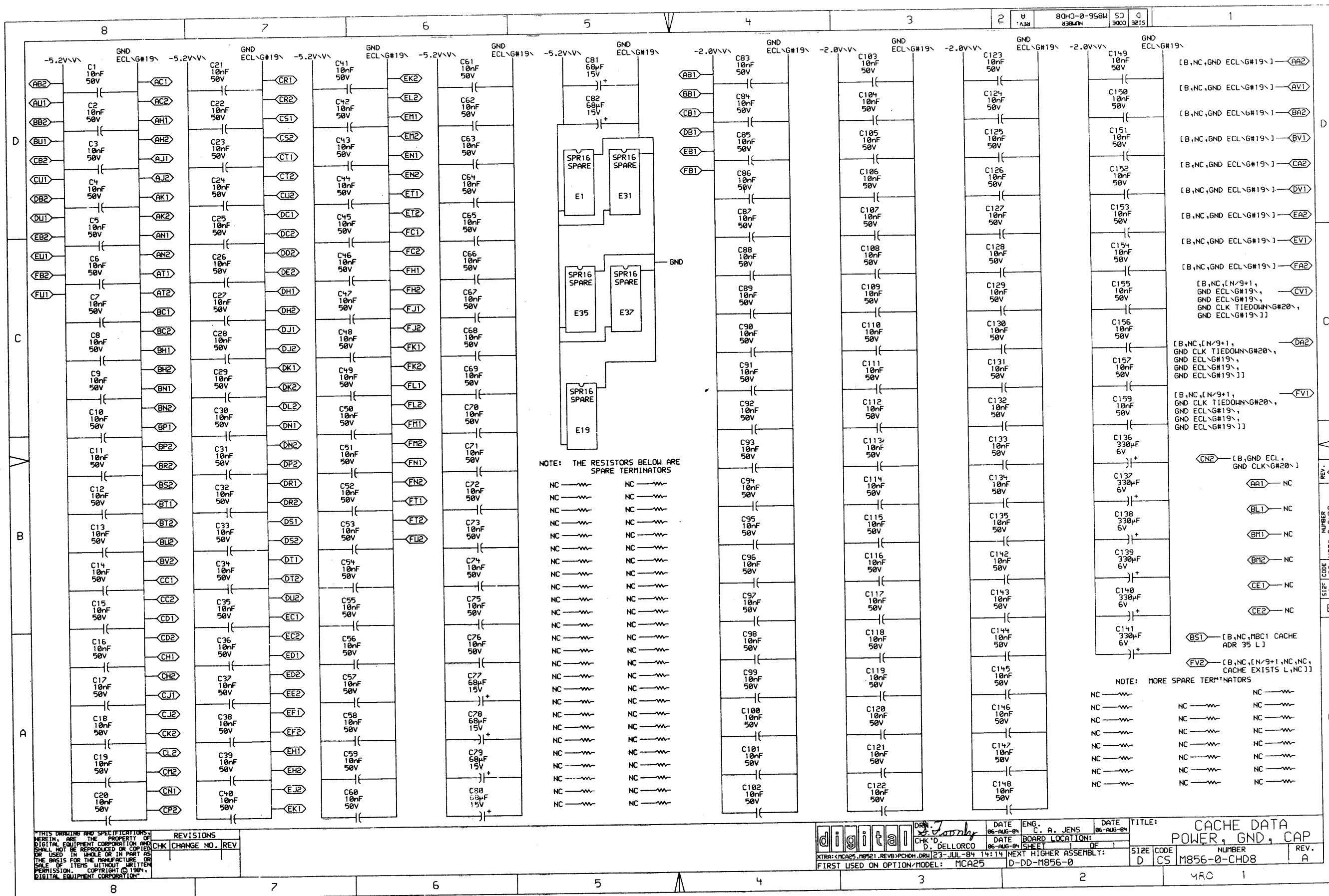
REVISIONS
CHK CHANGE NO. REV

digital
D. DELLORCO
DATE 06-AUG-84
SHEET 1 OF 1
FIRST USED ON OPTION/MODEL: MCA25

ENG. C. A. JENS
DATE 06-AUG-84
BOARD LOCATION: 1
NEXT HIGHER ASSEMBLY: D-DD-M856-0

TITLE: CACHE SEL LOGIC TERMINATORS
SIZE CODE NUMBER REV.
D CS M856-0-CHD7 A

MRO 1



REVISIONS	
CHK	CHANGE NO. REV

digital	DATE: 06-AUG-84	ENG: C. A. JENS	DATE: 06-AUG-84	TITLE: CACHE DATA POWER, GND, CAP
CHK'D: D. DELLORCO	DATE: 06-AUG-84	BOARD LOCATION: 1	SIZE: D	CODE: CS
FIRST USED ON OPTION/MODEL: MCA25		NEXT HIGHER ASSEMBLY: D-DD-M856-0		NUMBER: 440

8

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538-0-9584
83847N53
30030
3215

1

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R52(1)	CHD4	B5	68n	%E10(2)
R69(1)	CHD5	C2	68n	%E12(4)
R178(1)	CHD5	C3	68n	%E13(2)
R66(1)	CHD5	C3	68n	%E14(2)
R151(1)	CHD7	C5	68n	%E15(11)
R50(1)	CHD7	C6	68n	%E15(6)
R55(1)	CHD3	B2	68n	%E16(12)
R197(1)	CHD3	B7	68n	%E16(2)
R218(1)	CHD3	B4	68n	%E16(3)
R185(1)	CHD5	C4	68n	%E17(2)
R186(1)	CHD5	C3	68n	%E18(2)
R34(1)	CHD3	B3	68n	%E20(2)
R46(1)	CHD3	B5	68n	%E21(2)
R110(1)	CHD4	D7	68n	%E23(2)
R229(1)	CHD4	D4	68n	%E23(3)
R187(1)	CHD3	B2	68n	%E24(2)
R58(1)	CHD3	B7	68n	%E25(2)
R57(1)	CHD4	D2	68n	%E27(4)
R114(1)	CHD4	D4	68n	%E28(2)
R103(1)	CHD4	D6	68n	%E29(2)
R113(1)	CHD4	D3	68n	%E32(2)
R177(1)	CHD4	D5	68n	%E33(2)
R129(1)	CHD2	B7	68n	%E36(2)
R227(1)	CHD2	B4	68n	%E36(4)
R250(1)	CHD2	B2	68n	%E39(12)
R61(1)	CHD4	B2	68n	%E4(4)
R251(1)	CHD2	B2	68n	%E40(2)
R24(1)	CHD2	B5	68n	%E41(2)
R27(1)	CHD3	D2	68n	%E43(4)
R252(1)	CHD2	B4	68n	%E44(2)
R249(1)	CHD2	B6	68n	%E45(2)
R26(1)	CHD3	D2	68n	%E47(2)
R29(1)	CHD3	D5	68n	%E48(2)
R51(1)	CHD4	B3	68n	%E5(2)
R23(1)	CHD3	D4	68n	%E50(13)
R126(1)	CHD3	D7	68n	%E50(14)
R235(1)	CHD1	B4	68n	%E50(2)
R142(1)	CHD1	B7	68n	%E50(3)
R42(1)	CHD3	D3	68n	%E51(2)
R22(1)	CHD3	D7	68n	%E52(2)

NOTE:

- ALL TERMINATORS HAVE PIN TWO CONNECTED TO -2.0V AND ARE 5% 1/4WATT UNLESS OTHERWISE SPECIFIED
- ENTRIES ARE SORTED BY SIGNAL NAME
- % INDICATES OUTPUT OF DIP LOC AND <> INDICATES PIN NUMBER

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R82(1)	CHD1	B2	68n	%E54(4)
R14(1)	CHD1	B3	68n	%E55(2)
R2(1)	CHD1	B6	68n	%E56(2)
R242(1)	CHD7	D6	68n	%E57(11)
R173(1)	CHD7	D5	68n	%E57(6)
R44(1)	CHD1	B2	68n	%E58(2)
R120(1)	CHD1	B5	68n	%E59(2)
R182(1)	CHD4	B6	68n	%E6(2)
R190(1)	CHD2	D4	68n	%E61(2)
R188(1)	CHD2	D6	68n	%E62(2)
R20(1)	CHD7	A6	68n	%E63(3)
R101(1)	CHD7	B5	68n	%E63(4)
R18(1)	CHD7	B6	68n	%E63(5)
R102(1)	CHD7	B6	68n	%E63(6)
R99(1)	CHD2	D2	68n	%E64(4)
R15(1)	CHD2	D2	68n	%E65(2)
R109(1)	CHD2	D5	68n	%E66(2)
R236(1)	CHD2	D4	68n	%E67(13)
R150(1)	CHD2	D7	68n	%E67(14)
R245(1)	CHD1	D2	68n	%E68(2)
R12(1)	CHD1	D6	68n	%E69(2)
R7(1)	CHD7	B5	68n	%E70(2)
R192(1)	CHD7	B5	68n	%E70(21)
R11(1)	CHD7	B5	68n	%E70(23)
R10(1)	CHD7	B5	68n	%E70(4)
R8(1)	CHD1	D3	68n	%E72(2)
R247(1)	CHD1	D5	68n	%E73(2)
R248(1)	CHD1	D2	68n	%E74(12)
R174(1)	CHD1	D7	68n	%E74(2)
R239(1)	CHD1	D4	68n	%E74(3)
R157(1)	CHD4	B4	68n	%E8(13)
R210(1)	CHD4	B7	68n	%E8(14)
R143(1)	CHD5	C7	68n	%E8(2)
R217(1)	CHD5	C4	68n	%E8(3)
R181(1)	CHD4	B4	68n	%E9(2)
R240(1)	CHD6	A6	56n	CHD6 CSH ADR 26 A H
R201(1)	CHD6	A6	56n	CHD6 CSH ADR 26 B H
R238(1)	CHD6	D6	56n	CHD6 CSH ADR 27 A H
R31(1)	CHD6	D6	56n	CHD6 CSH ADR 27 B H
R156(1)	CHD6	D6	56n	CHD6 CSH ADR 27 C H

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R221(1)	CHD6	D2	56n	CHD6 CSH ADR 27 D H
R109(1)	CHD6	D2	56n	CHD6 CSH ADR 27 E H
R214(1)	CHD6	D2	56n	CHD6 CSH ADR 27 F H
R30(1)	CHD6	D6	56n	CHD6 CSH ADR 28 A H
R167(1)	CHD6	D6	56n	CHD6 CSH ADR 28 B H
R138(1)	CHD6	D6	56n	CHD6 CSH ADR 28 C H
R233(1)	CHD6	D2	56n	CHD6 CSH ADR 28 D H
R216(1)	CHD6	D2	56n	CHD6 CSH ADR 28 E H
R213(1)	CHD6	D2	56n	CHD6 CSH ADR 28 F H
R152(1)	CHD6	C6	56n	CHD6 CSH ADR 29 A H
R162(1)	CHD6	C6	56n	CHD6 CSH ADR 29 B H
R122(1)	CHD6	C6	56n	CHD6 CSH ADR 29 C H
R73(1)	CHD6	C2	56n	CHD6 CSH ADR 29 D H
R97(1)	CHD6	C2	56n	CHD6 CSH ADR 29 E H
R211(1)	CHD6	C2	56n	CHD6 CSH ADR 29 F H
R172(1)	CHD6	C6	56n	CHD6 CSH ADR 30 A H
R144(1)	CHD6	C6	56n	CHD6 CSH ADR 30 B H
R132(1)	CHD6	C6	56n	CHD6 CSH ADR 30 C H
R74(1)	CHD6	C2	56n	CHD6 CSH ADR 30 D H
R38(1)	CHD6	C2	56n	CHD6 CSH ADR 30 E H
R212(1)	CHD6	C2	56n	CHD6 CSH ADR 30 F H
R224(1)	CHD6	C6	56n	CHD6 CSH ADR 31 A H
R96(1)	CHD6	C6	56n	CHD6 CSH ADR 31 B H
R219(1)	CHD6	C6	56n	CHD6 CSH ADR 31 C H
R226(1)	CHD6	C2	56n	CHD6 CSH ADR 31 D H
R168(1)	CHD6	C2	56n	CHD6 CSH ADR 31 E H
R206(1)	CHD6	C2	56n	CHD6 CSH ADR 31 F H
R204(1)	CHD6	B6	56n	CHD6 CSH ADR 32 A H
R191(1)	CHD6	B6	56n	CHD6 CSH ADR 32 B H
R228(1)	CHD6	B6	56n	CHD6 CSH ADR 32 C H
R232(1)	CHD6	B2	56n	CHD6 CSH ADR 32 D H
R137(1)	CHD6	B2	56n	CHD6 CSH ADR 32 E H
R215(1)	CHD6	B2	56n	CHD6 CSH ADR 32 F H
R203(1)	CHD6	B6	56n	CHD6 CSH ADR 33 A H
R160(1)	CHD6	B6	56n	CHD6 CSH ADR 33 B H
R223(1)	CHD6	B6	56n	CHD6 CSH ADR 33 C H
R48(1)	CHD6	B2	56n	CHD6 CSH ADR 33 D H
R207(1)	CHD6	B2	56n	CHD6 CSH ADR 33 E H
R180(1)	CHD6	B2	56n	CHD6 CSH ADR 33 F H
R6(1)	CHD6	B6	56n	CHD6 CSH ADR 34 A H

RESISTOR LOC(PIN)	SHOWN ON DRW#	REF	VALUE	TERMINATES SIGNAL
R237(1)	CHD6	B6	56n	CHD6 CSH ADR 34 B H
R171(1)	CHD6	B6	56n	CHD6 CSH ADR 34 C H
R222(1)	CHD6	B2	56n	CHD6 CSH ADR 34 D H
R67(1)	CHD6	B2	56n	CHD6 CSH ADR 34 E H
R118(1)	CHD6	B2	56n	CHD6 CSH ADR 34 F H
R205(1)	CHD6	A2	56n	CHD6 CSH ADR 35 A H
R139(1)	CHD6	A2	56n	CHD6 CSH ADR 35 B H
R25(1)	CHD6	A6	56n	-CHD6 CSH WRITE A H
R32(1)	CHD6	A6	56n	-CHD6 CSH WRITE B H
R121(1)	CHD6	A6	56n	-CHD6 CSH WRITE C H
R194(1)	CHD6	A2	56n	-CHD6 CSH WRITE D H
R208(1)	CHD6	A2	56n	-CHD6 CSH WRITE E H
R53(1)	CHD6	A2	56n	-CHD6 CSH WRITE F H
R125(1)	CHD7	D4	68n	-CHD7 C MATCH 0 A H
R199(1)	CHD7	D4	68n	-CHD7 C MATCH 0 B H
R209(1)	CHD7	D4	68n	-CHD7 C MATCH 0 C H
R145(1)	CHD7	D4	68n	-CHD7 C MATCH 0 D H
R128(1)	CHD7	D5	68n	-CHD7 C MATCH 1 A H
R68(1)	CHD7	D5	68n	-CHD7 C MATCH 1 B H
R253(1)	CHD7	D5	68n	-CHD7 C MATCH 1 C H
R170(1)	CHD7	D5	68n	-CHD7 C MATCH 1 D H
R140(1)	CHD7	C4	68n	-CHD7 C MATCH 2 A H
R146(1)	CHD7	C4	68n	-CHD7 C MATCH 2 B H
R244(1)	CHD7	C4	68n	-CHD7 C MATCH 2 C H
R179(1)	CHD7	C4	68n	-CHD7 C MATCH 2 D H
R134(1)	CHD7	C5	68n	-CHD7 C MATCH 3 A H
R158(1)	CHD7	C5	68n	-CHD7 C MATCH 3 B H
R241(1)	CHD7	C5	68n	-CHD7 C MATCH 3 C H
R243(1)	CHD7	C5	68n	-CHD7 C MATCH 3 D H
R91(1)	CHD7	B1	68n	CHD7 TERM 09 [N] H-N#400\
R81(1)	CHD7	B1	68n	CHD7 TERM 13 [N] H-N#400\
R79(1)	CHD7	A1	68n	CHD7 TERM 15 [N] H-N#400\
R75(1)	CHD7	A1	68n	CHD7 TERM 16 [N] H-N#400\
R19(1)	CHD7	A6	68n	-CHX1 CSH [B, (N/9+1, 0, 1, 2, 3) [N/18*18]-[N/18*18+17]] SEL A H
R220(1)	CHD6	A7	68n	-MBC2 CACHE WR [N] A H
R246(1)	CHD1	D2	68n	MEM TO CACHE [N+00] H
R193(1)	CHD1	B2	68n	MEM TO CACHE [N+01] H
R100(1)	CHD2	D2	68n	MEM TO CACHE [N+02] H
R230(1)	CHD2	B2	68n	MEM TO CACHE [N+03] H
R234(1)	CHD3	D2	68n	MEM TO CACHE [N+04] H

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REVISIONS

CHK CHANGE NO. REV

digital

DRW. 7
CHK'D
D. DELLORCODATE ENG. C. A. JENS
06-AUG-84
DATE BOARD LOCATION:
06-AUG-84 SHEET 1 OF 2TITLE: CACHE DATA
TERMINATORSFIRST USED ON OPTION/MODEL: MCA25
NEXT HIGHER ASSEMBLY:
D-DD-M856-0SIZE CODE NUMBER
D CS M856-0-RES

REV. A

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MRO 1

8		7		6		5		4		3		2		1	
						</									

DRAWING NUMBER	NO.OF SHT	PART NUMBER	DESCRIPTION	REVISION
		M857-00	MODULE REVISION	A1
D-LA-M857-0-0	1		MBOX CONTROL #3	A
K-PL-M857-0-DBP	2		PART LIST, M857	A
D-CS-M857-0-MBC1	1		CSH ADR MIX, EBUS & PMA HOLD REG	A
D-CS-M857-0-MBC2	1		FORCE VAL MATCH & MBC DIAG MIX	A
D-CS-M857-0-MBC3	1		DATA VAL OUT, CLK, PHS, MEM START	A
D-CS-M857-0-MBC4	1		MEM REQUESTS, ACK & DAT VAL CTRS	A
D-CS-M857-0-MBC5	1		FORCE VAL MATCH & MBC DIAG MIX	A
D-CS-M857-0-MBC6	1		MBC MBOX CONTROL PWR, GND, CAPS	A
D-CS-M857-0-RES	2		MBOX CONTROL 3 TERMINATORS	A
K-PC-M857-0-DBI	-		P.C. DESIGN DATA BASE TAPE	A
D-DD-5017663-0	1		DRAWING DIRECTORY, 5017663	REF

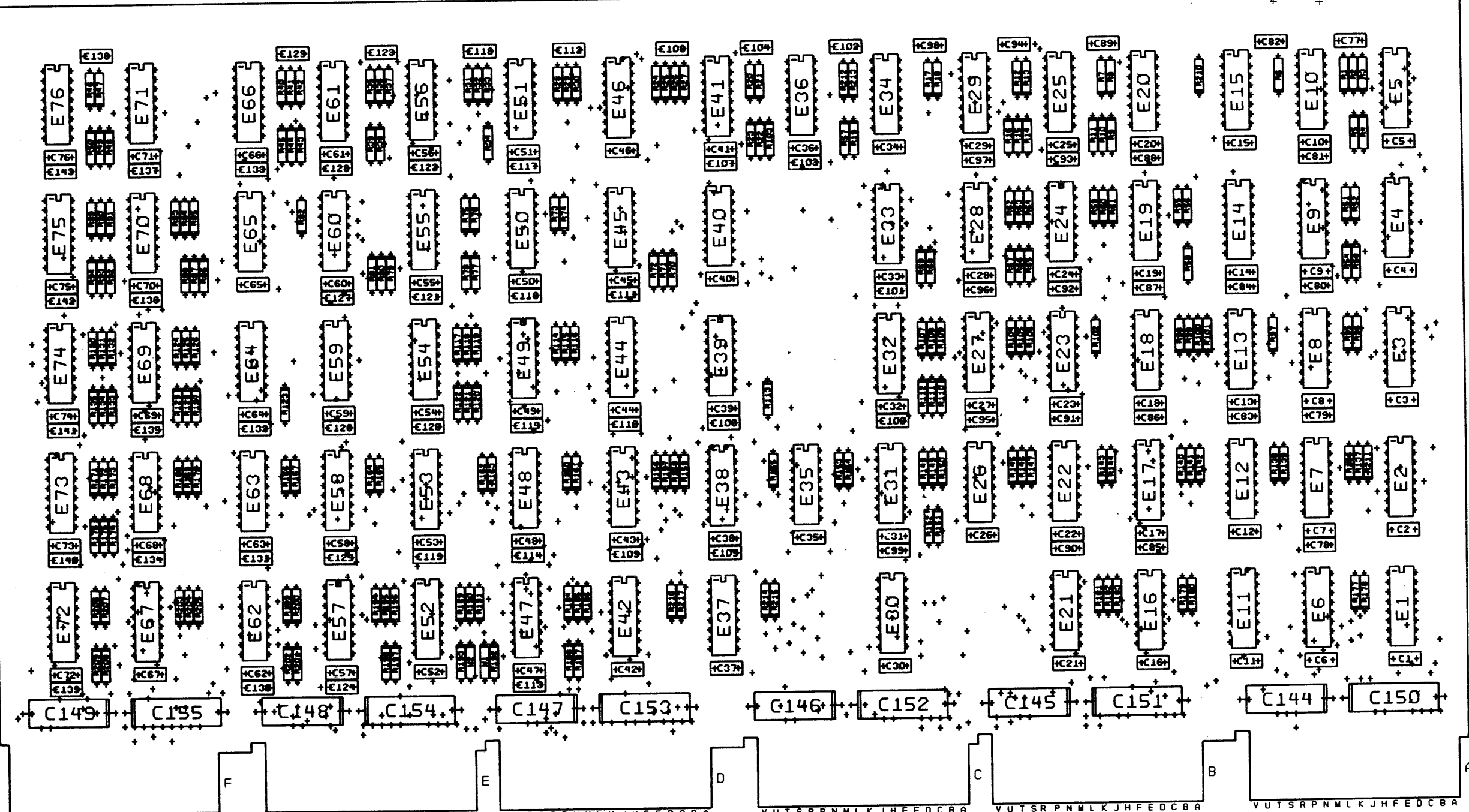
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CHK	CHANGE NO.	REV

DSK:M857A.T2P(4,105)	28-AUG-84 11:01	NEXT HIGHER ASSEMBLY:	SHEET 1 OF 1	DATE	ENG. <i>[Signature]</i>	DATE	TITLE: M857 DRAWING DIRECTORY
FIRST USED ON OPTION/MODEL: KL10-PW	MCA25			SIZE CODE D DD	NUMBER M857-0	REV. A	

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22 (QTY 12) COMPONENT SIDE VIEW



NOTES:

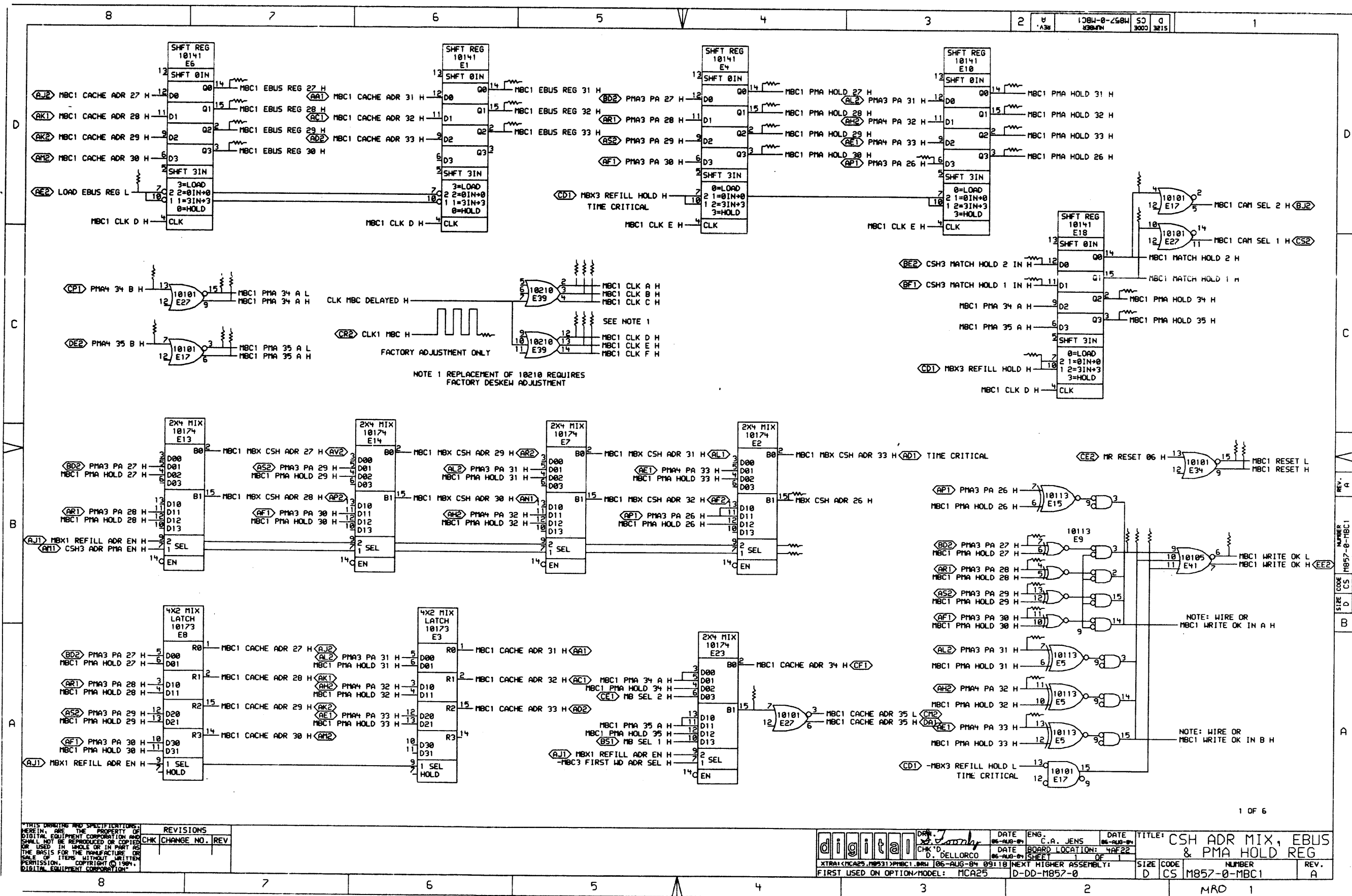
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REPEAT	→ X AXIS	0	STEP 0 TIMES

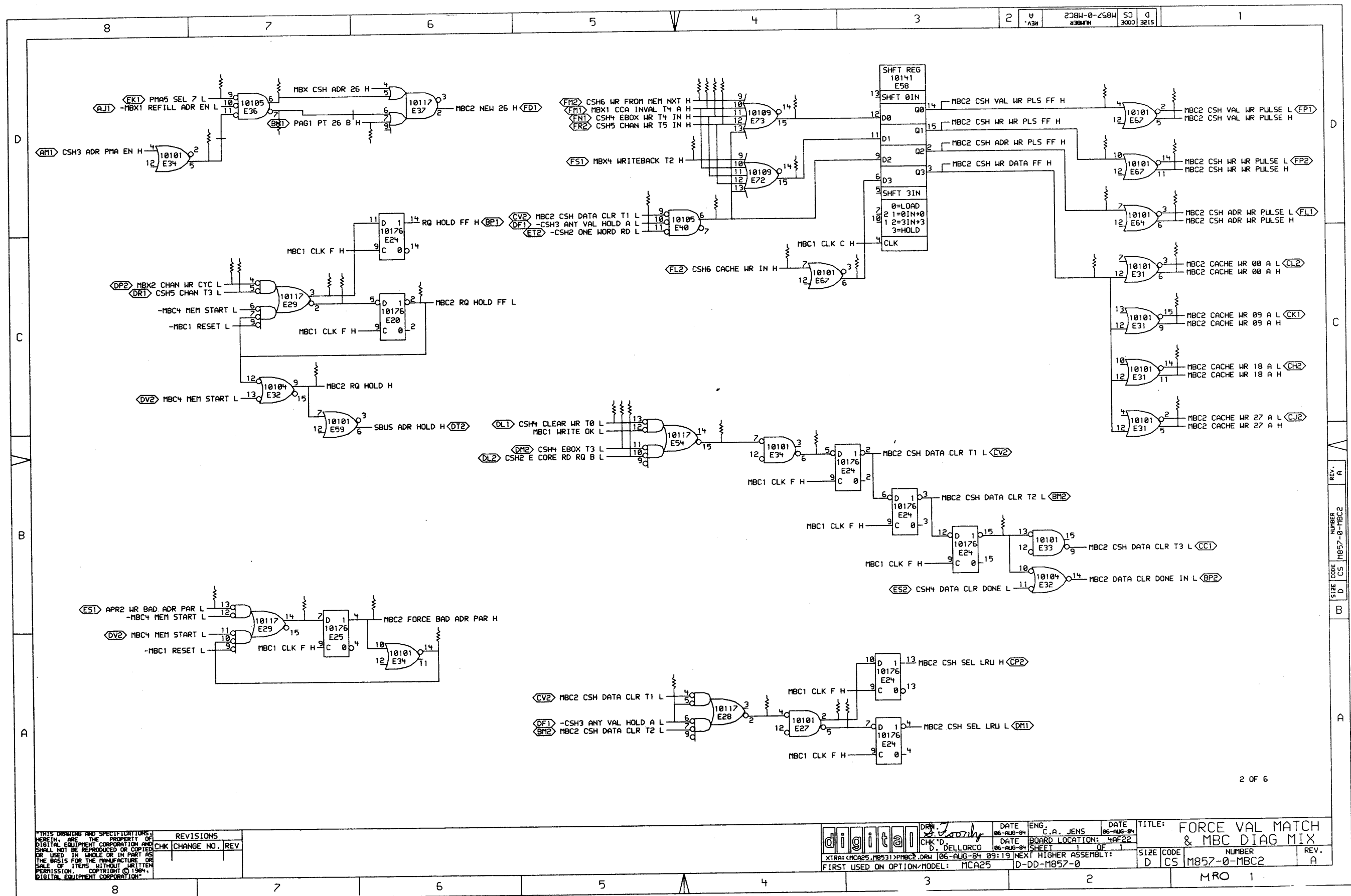
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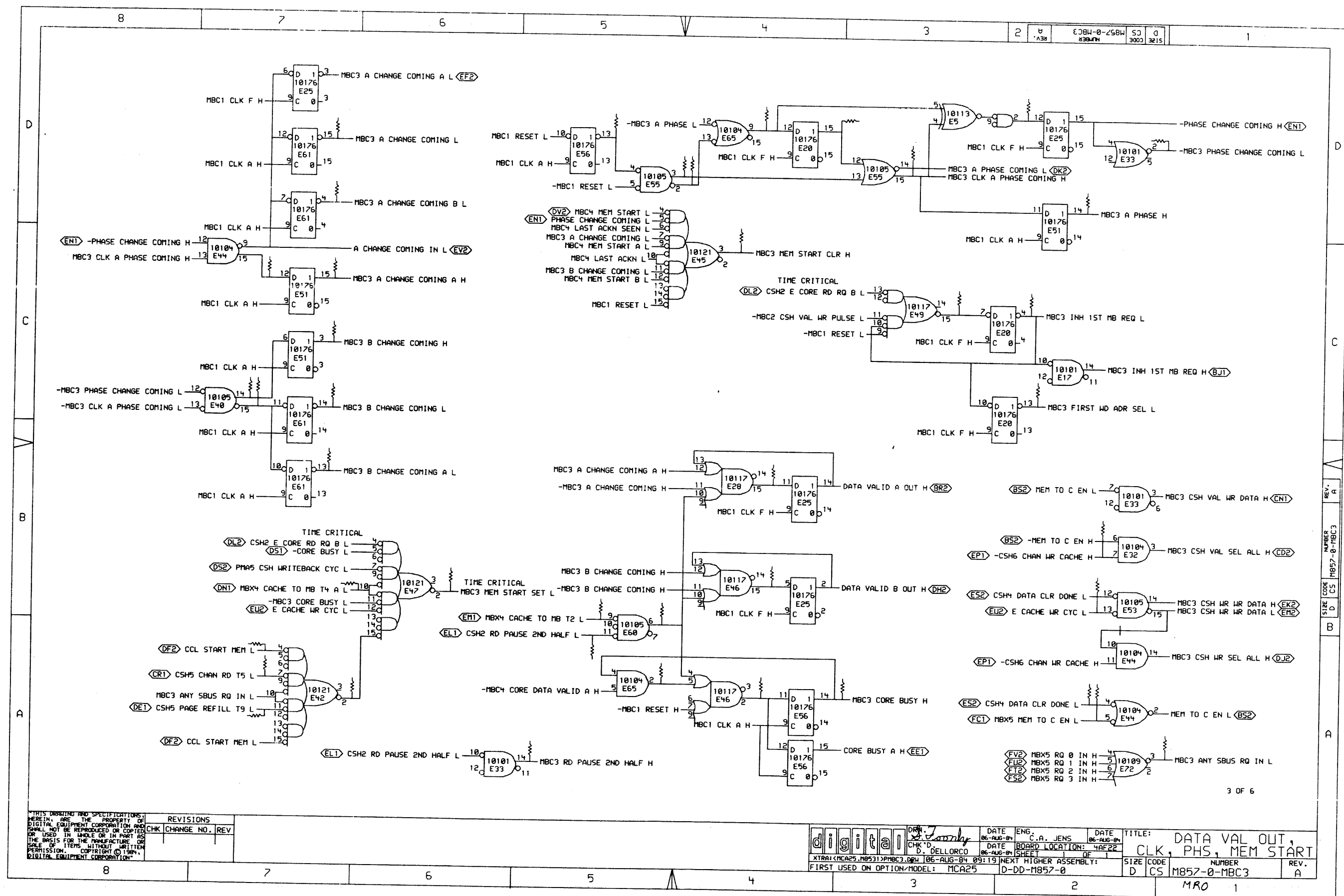
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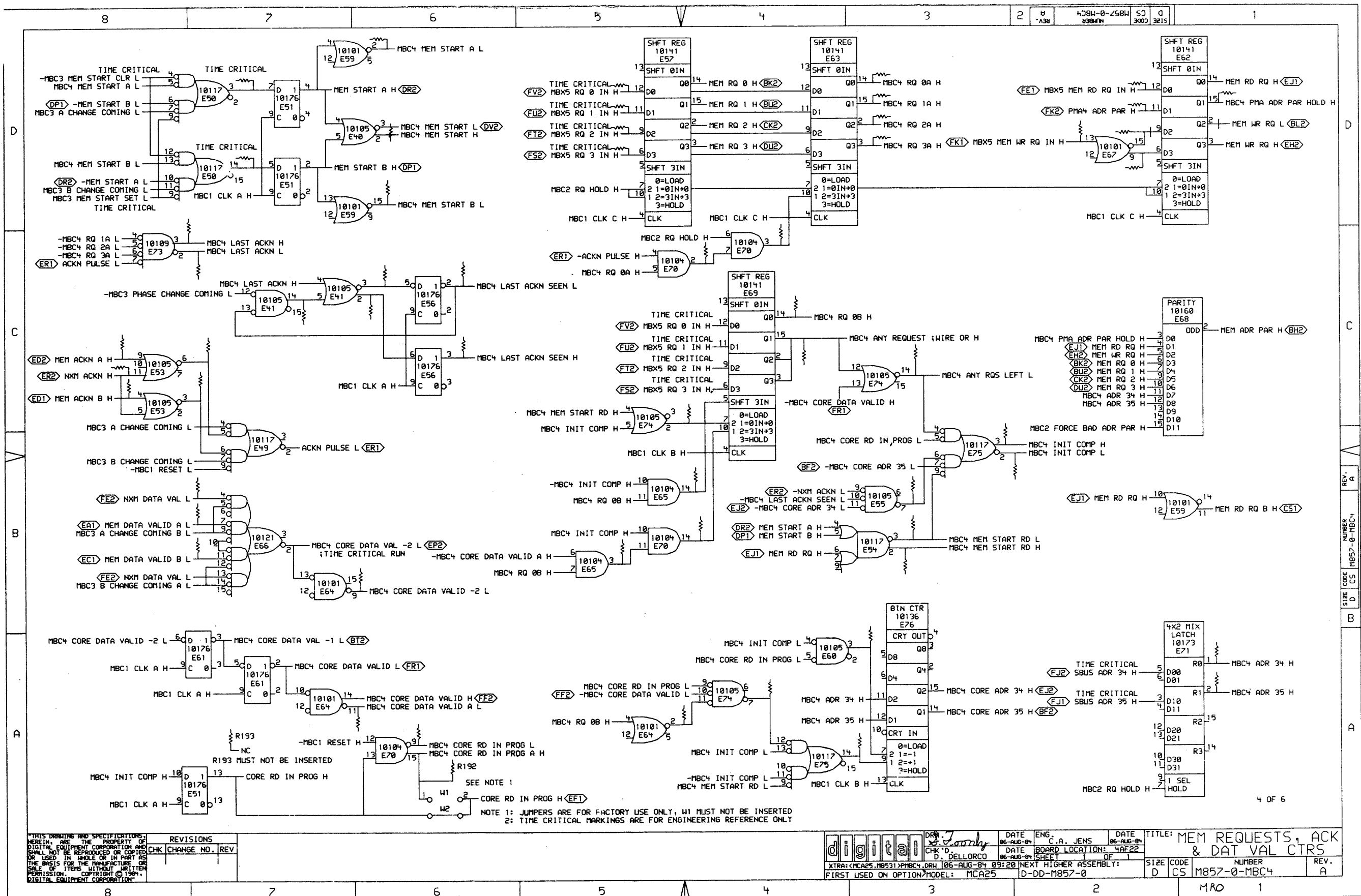
SIGNATURES		DATE	digital
DRN.		4/17/84	
CHK'D BY		7-20-84	TITLE MBOX CONTROL 3
MECH. ENG.		7-20-84	
PROD. ENG.		7-20-84	SIZE CODE NUMBER
SCALE	2/1	7-20-84	
SHT.	1 OF 1		D U A M857-0-0
TOP DOC. NO: D-DD-M857-0			

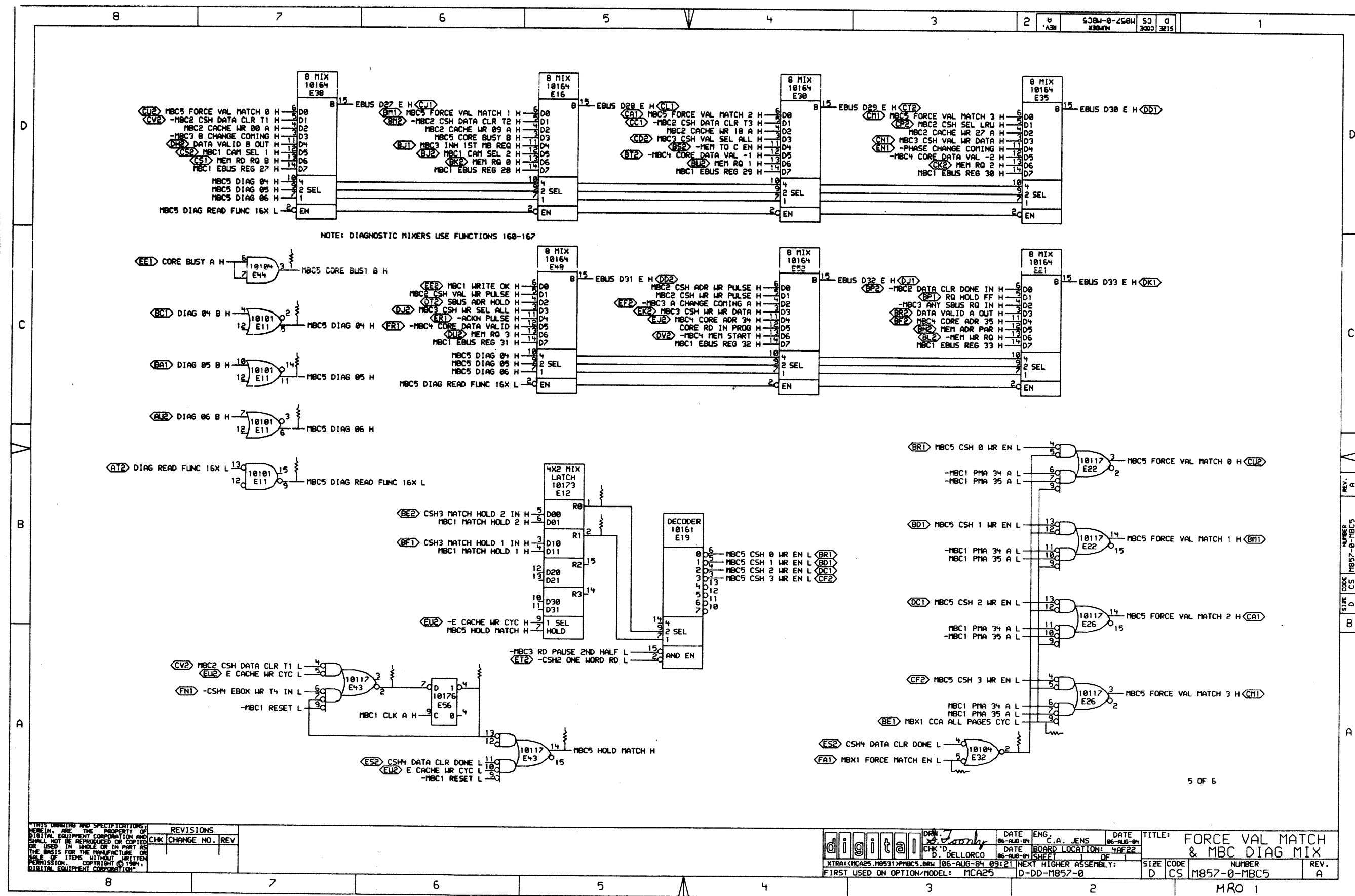
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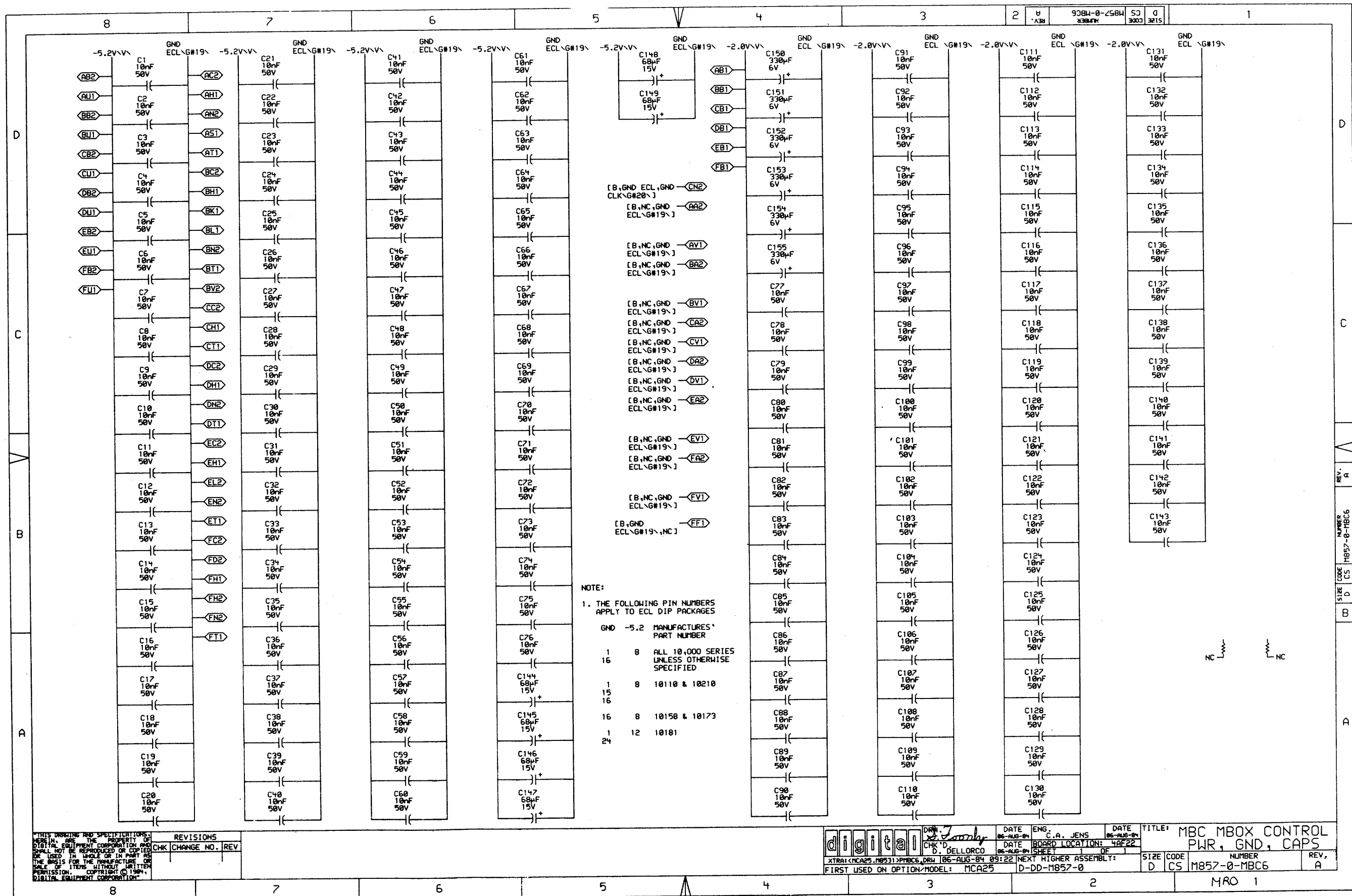












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REVISIONS	
CHK	CHANGE NO. REV

DATE 06-AUG-84
D. DELLORCO
SHEET 1 OF 1

DATE 06-AUG-84
C.A. JENS
BOARD LOCATION: 4AF22

DATE 06-AUG-84
NEXT HIGHER ASSEMBLY: D-DD-M857-0

TITLE: MBC MBOX CONTROL PWR, GND, CAPS

SIZE CODE D CS M857-0-MBC6

NUMBER REV, A

NC

[illegible]

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<table><tr><td colspan="4">RESISTOR LOC(PIN) DRAW# REF VALUE TERMINATES SIGNAL</td><td colspan="4">RESISTOR LOC(PIN) DRAW# REF VALUE TERMINATES SIGNAL</td></tr><tr><td>R26(1)</td><td>MBC4</td><td>C6</td><td>68Ω</td><td>-MBC4 LAST ACKN SEEN H</td><td>R126(1)</td><td>MBC6</td><td>A1</td><td>68Ω</td><td>NC</td></tr><tr><td>R12(1)</td><td>MBC4</td><td>D6</td><td>68Ω</td><td>-MBC4 MEM START H</td><td>R193(1)</td><td>MBC4</td><td>A7</td><td>68Ω</td><td>NC</td></tr><tr><td>R71(1)</td><td>MBC4</td><td>D6</td><td>68Ω</td><td>-MBC4 MEM START A H</td><td>R77(1)</td><td>MBC4</td><td>C8</td><td>68Ω</td><td>NCX1 ACKN H</td></tr><tr><td>R70(1)</td><td>MBC4</td><td>D6</td><td>68Ω</td><td>-MBC4 MEM START B H</td><td>R41(1)</td><td>MBC4</td><td>B7</td><td>68Ω</td><td>-NCX1 DATA VAL H</td></tr><tr><td>R130(1)</td><td>MBC4</td><td>B3</td><td>68Ω</td><td>MBC4 MEM START RD H</td><td>R216(1)</td><td>MBC2</td><td>D6</td><td>68Ω</td><td>PAG1 PT 26 B H</td></tr><tr><td>R94(1)</td><td>MBC4</td><td>B3</td><td>68Ω</td><td>-MBC4 MEM START RD H</td><td>R211(1)</td><td>MBC1</td><td>D3</td><td>68Ω</td><td>PMA3 PA 26 H</td></tr><tr><td>R169(1)</td><td>MBC4</td><td>D1</td><td>68Ω</td><td>MBC4 PMA ADR PAR HOLD H</td><td>R52(1)</td><td>MBC1</td><td>B2</td><td>68Ω</td><td>PMA3 PA 27 H</td></tr><tr><td>R91(1)</td><td>MBC4</td><td>D3</td><td>68Ω</td><td>MBC4 RQ 0A H</td><td>R51(1)</td><td>MBC1</td><td>B2</td><td>68Ω</td><td>PMA3 PA 28 H</td></tr><tr><td>R86(1)</td><td>MBC4</td><td>C4</td><td>68Ω</td><td>MBC4 RQ 0B H</td><td>R58(1)</td><td>MBC1</td><td>B2</td><td>68Ω</td><td>PMA3 PA 29 H</td></tr><tr><td>R172(1)</td><td>MBC4</td><td>D3</td><td>68Ω</td><td>MBC4 RQ 1A H</td><td>R54(1)</td><td>MBC1</td><td>B2</td><td>68Ω</td><td>PMA3 PA 30 H</td></tr><tr><td>R175(1)</td><td>MBC4</td><td>D3</td><td>68Ω</td><td>MBC4 RQ 2A H</td><td>R1(1)</td><td>MBC1</td><td>A2</td><td>68Ω</td><td>PMA3 PA 31 H</td></tr><tr><td>R173(1)</td><td>MBC4</td><td>D3</td><td>68Ω</td><td>MBC4 RQ 3A H</td><td>R104(1)</td><td>MBC1</td><td>C8</td><td>68Ω</td><td>PMA4 34 B H</td></tr><tr><td>R183(1)</td><td>MBC5</td><td>C7</td><td>68Ω</td><td>MBC5 CORE BUSY B H</td><td>R144(1)</td><td>MBC1</td><td>C8</td><td>68Ω</td><td>PMA4 35 B H</td></tr><tr><td>R189(1)</td><td>MBC5</td><td>C7</td><td>68Ω</td><td>MBC5 DIAG 04 H</td><td>R202(1)</td><td>MBC4</td><td>D2</td><td>68Ω</td><td>PMA4 ADR PAR H</td></tr><tr><td>R190(1)</td><td>MBC5</td><td>C7</td><td>68Ω</td><td>MBC5 DIAG 05 H</td><td>R2(1)</td><td>MBC1</td><td>A2</td><td>68Ω</td><td>PMA4 PA 32 H</td></tr><tr><td>R197(1)</td><td>MBC5</td><td>C7</td><td>68Ω</td><td>MBC5 DIAG 06 H</td><td>R5(1)</td><td>MBC1</td><td>A2</td><td>68Ω</td><td>PMA4 PA 33 H</td></tr><tr><td>R194(1)</td><td>MBC5</td><td>B7</td><td>68Ω</td><td>-MBC5 DIAG READ FUNC 16X H</td><td>R212(1)</td><td>MBC2</td><td>D7</td><td>68Ω</td><td>-PMA5 SEL 7 H</td></tr><tr><td>R141(1)</td><td>MBC5</td><td>A5</td><td>68Ω</td><td>MBC5 HOLD MATCH H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R217(1)</td><td>MBC1</td><td>B4</td><td>68Ω</td><td>MBX CSH ADR 26 H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R147(1)</td><td>MBC5</td><td>A2</td><td>68Ω</td><td>-MBX1 CCA ALL PAGES CYC H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R176(1)</td><td>MBC2</td><td>D4</td><td>68Ω</td><td>MBX1 CCA INVAL T4 A H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R111(1)</td><td>MBC5</td><td>A3</td><td>68Ω</td><td>-MBX1 FORCE MATCH EN H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R103(1)</td><td>MBC1</td><td>B4</td><td>68Ω</td><td>MBX1 REFILL ADR EN H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R17(1)</td><td>MBC2</td><td>C7</td><td>68Ω</td><td>-MBX2 CHAN WR CYC H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R53(1)</td><td>MBC1</td><td>C2</td><td>68Ω</td><td>MBX3 REFILL HOLD H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R81(1)</td><td>MBC3</td><td>B5</td><td>68Ω</td><td>-MBX4 CACHE TO MB T2 H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R184(1)</td><td>MBC3</td><td>B6</td><td>68Ω</td><td>-MBX4 CACHE TO MB T4 A H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R209(1)</td><td>MBC2</td><td>D4</td><td>68Ω</td><td>MBX4 WRITEBACK T2 H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R199(1)</td><td>MBC4</td><td>D2</td><td>68Ω</td><td>MBX5 MEM RD RQ IN H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R116(1)</td><td>MBC3</td><td>A2</td><td>68Ω</td><td>-MBX5 MEM TO C EN H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R203(1)</td><td>MBC4</td><td>D2</td><td>68Ω</td><td>MBX5 MEM WR RQ IN H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R124(1)</td><td>MBC4</td><td>D5</td><td>68Ω</td><td>MBX5 RQ 0 IN H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R125(1)</td><td>MBC4</td><td>D5</td><td>68Ω</td><td>MBX5 RQ 1 IN H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R127(1)</td><td>MBC4</td><td>D5</td><td>68Ω</td><td>MBX5 RQ 2 IN H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R134(1)</td><td>MBC4</td><td>D5</td><td>68Ω</td><td>MBX5 RQ 3 IN H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R163(1)</td><td>MBC4</td><td>C8</td><td>68Ω</td><td>MEM ACKN A H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R162(1)</td><td>MBC4</td><td>C8</td><td>68Ω</td><td>MEM ACKN B H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R45(1)</td><td>MBC4</td><td>B7</td><td>68Ω</td><td>-MEM DATA VALID A H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R43(1)</td><td>MBC4</td><td>B7</td><td>68Ω</td><td>-MEM DATA VALID B H</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>R42(1)</td><td>MBC6</td><td>A1</td><td>68Ω</td><td>NC</td><td></td><td></td><td></td><td></td><td></td></tr></table>								RESISTOR LOC(PIN) DRAW# REF VALUE TERMINATES SIGNAL				RESISTOR LOC(PIN) DRAW# REF VALUE TERMINATES SIGNAL				R26(1)	MBC4	C6	68Ω	-MBC4 LAST ACKN SEEN H	R126(1)	MBC6	A1	68Ω	NC	R12(1)	MBC4	D6	68Ω	-MBC4 MEM START H	R193(1)	MBC4	A7	68Ω	NC	R71(1)	MBC4	D6	68Ω	-MBC4 MEM START A H	R77(1)	MBC4	C8	68Ω	NCX1 ACKN H	R70(1)	MBC4	D6	68Ω	-MBC4 MEM START B H	R41(1)	MBC4	B7	68Ω	-NCX1 DATA VAL H	R130(1)	MBC4	B3	68Ω	MBC4 MEM START RD H	R216(1)	MBC2	D6	68Ω	PAG1 PT 26 B H	R94(1)	MBC4	B3	68Ω	-MBC4 MEM START RD H	R211(1)	MBC1	D3	68Ω	PMA3 PA 26 H	R169(1)	MBC4	D1	68Ω	MBC4 PMA ADR PAR HOLD H	R52(1)	MBC1	B2	68Ω	PMA3 PA 27 H	R91(1)	MBC4	D3	68Ω	MBC4 RQ 0A H	R51(1)	MBC1	B2	68Ω	PMA3 PA 28 H	R86(1)	MBC4	C4	68Ω	MBC4 RQ 0B H	R58(1)	MBC1	B2	68Ω	PMA3 PA 29 H	R172(1)	MBC4	D3	68Ω	MBC4 RQ 1A H	R54(1)	MBC1	B2	68Ω	PMA3 PA 30 H	R175(1)	MBC4	D3	68Ω	MBC4 RQ 2A H	R1(1)	MBC1	A2	68Ω	PMA3 PA 31 H	R173(1)	MBC4	D3	68Ω	MBC4 RQ 3A H	R104(1)	MBC1	C8	68Ω	PMA4 34 B H	R183(1)	MBC5	C7	68Ω	MBC5 CORE BUSY B H	R144(1)	MBC1	C8	68Ω	PMA4 35 B H	R189(1)	MBC5	C7	68Ω	MBC5 DIAG 04 H	R202(1)	MBC4	D2	68Ω	PMA4 ADR PAR H	R190(1)	MBC5	C7	68Ω	MBC5 DIAG 05 H	R2(1)	MBC1	A2	68Ω	PMA4 PA 32 H	R197(1)	MBC5	C7	68Ω	MBC5 DIAG 06 H	R5(1)	MBC1	A2	68Ω	PMA4 PA 33 H	R194(1)	MBC5	B7	68Ω	-MBC5 DIAG READ FUNC 16X H	R212(1)	MBC2	D7	68Ω	-PMA5 SEL 7 H	R141(1)	MBC5	A5	68Ω	MBC5 HOLD MATCH H						R217(1)	MBC1	B4	68Ω	MBX CSH ADR 26 H						R147(1)	MBC5	A2	68Ω	-MBX1 CCA ALL PAGES CYC H						R176(1)	MBC2	D4	68Ω	MBX1 CCA INVAL T4 A H						R111(1)	MBC5	A3	68Ω	-MBX1 FORCE MATCH EN H						R103(1)	MBC1	B4	68Ω	MBX1 REFILL ADR EN H						R17(1)	MBC2	C7	68Ω	-MBX2 CHAN WR CYC H						R53(1)	MBC1	C2	68Ω	MBX3 REFILL HOLD H						R81(1)	MBC3	B5	68Ω	-MBX4 CACHE TO MB T2 H						R184(1)	MBC3	B6	68Ω	-MBX4 CACHE TO MB T4 A H						R209(1)	MBC2	D4	68Ω	MBX4 WRITEBACK T2 H						R199(1)	MBC4	D2	68Ω	MBX5 MEM RD RQ IN H						R116(1)	MBC3	A2	68Ω	-MBX5 MEM TO C EN H						R203(1)	MBC4	D2	68Ω	MBX5 MEM WR RQ IN H						R124(1)	MBC4	D5	68Ω	MBX5 RQ 0 IN H						R125(1)	MBC4	D5	68Ω	MBX5 RQ 1 IN H						R127(1)	MBC4	D5	68Ω	MBX5 RQ 2 IN H						R134(1)	MBC4	D5	68Ω	MBX5 RQ 3 IN H						R163(1)	MBC4	C8	68Ω	MEM ACKN A H						R162(1)	MBC4	C8	68Ω	MEM ACKN B H						R45(1)	MBC4	B7	68Ω	-MEM DATA VALID A H						R43(1)	MBC4	B7	68Ω	-MEM DATA VALID B H						R42(1)	MBC6	A1	68Ω	NC					
RESISTOR LOC(PIN) DRAW# REF VALUE TERMINATES SIGNAL				RESISTOR LOC(PIN) DRAW# REF VALUE TERMINATES SIGNAL																																																																																																																																																																																																																																																																																																																																																																																																																											
R26(1)	MBC4	C6	68Ω	-MBC4 LAST ACKN SEEN H	R126(1)	MBC6	A1	68Ω	NC																																																																																																																																																																																																																																																																																																																																																																																																																						
R12(1)	MBC4	D6	68Ω	-MBC4 MEM START H	R193(1)	MBC4	A7	68Ω	NC																																																																																																																																																																																																																																																																																																																																																																																																																						
R71(1)	MBC4	D6	68Ω	-MBC4 MEM START A H	R77(1)	MBC4	C8	68Ω	NCX1 ACKN H																																																																																																																																																																																																																																																																																																																																																																																																																						
R70(1)	MBC4	D6	68Ω	-MBC4 MEM START B H	R41(1)	MBC4	B7	68Ω	-NCX1 DATA VAL H																																																																																																																																																																																																																																																																																																																																																																																																																						
R130(1)	MBC4	B3	68Ω	MBC4 MEM START RD H	R216(1)	MBC2	D6	68Ω	PAG1 PT 26 B H																																																																																																																																																																																																																																																																																																																																																																																																																						
R94(1)	MBC4	B3	68Ω	-MBC4 MEM START RD H	R211(1)	MBC1	D3	68Ω	PMA3 PA 26 H																																																																																																																																																																																																																																																																																																																																																																																																																						
R169(1)	MBC4	D1	68Ω	MBC4 PMA ADR PAR HOLD H	R52(1)	MBC1	B2	68Ω	PMA3 PA 27 H																																																																																																																																																																																																																																																																																																																																																																																																																						
R91(1)	MBC4	D3	68Ω	MBC4 RQ 0A H	R51(1)	MBC1	B2	68Ω	PMA3 PA 28 H																																																																																																																																																																																																																																																																																																																																																																																																																						
R86(1)	MBC4	C4	68Ω	MBC4 RQ 0B H	R58(1)	MBC1	B2	68Ω	PMA3 PA 29 H																																																																																																																																																																																																																																																																																																																																																																																																																						
R172(1)	MBC4	D3	68Ω	MBC4 RQ 1A H	R54(1)	MBC1	B2	68Ω	PMA3 PA 30 H																																																																																																																																																																																																																																																																																																																																																																																																																						
R175(1)	MBC4	D3	68Ω	MBC4 RQ 2A H	R1(1)	MBC1	A2	68Ω	PMA3 PA 31 H																																																																																																																																																																																																																																																																																																																																																																																																																						
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R183(1)	MBC5	C7	68Ω	MBC5 CORE BUSY B H	R144(1)	MBC1	C8	68Ω	PMA4 35 B H																																																																																																																																																																																																																																																																																																																																																																																																																						
R189(1)	MBC5	C7	68Ω	MBC5 DIAG 04 H	R202(1)	MBC4	D2	68Ω	PMA4 ADR PAR H																																																																																																																																																																																																																																																																																																																																																																																																																						
R190(1)	MBC5	C7	68Ω	MBC5 DIAG 05 H	R2(1)	MBC1	A2	68Ω	PMA4 PA 32 H																																																																																																																																																																																																																																																																																																																																																																																																																						
R197(1)	MBC5	C7	68Ω	MBC5 DIAG 06 H	R5(1)	MBC1	A2	68Ω	PMA4 PA 33 H																																																																																																																																																																																																																																																																																																																																																																																																																						
R194(1)	MBC5	B7	68Ω	-MBC5 DIAG READ FUNC 16X H	R212(1)	MBC2	D7	68Ω	-PMA5 SEL 7 H																																																																																																																																																																																																																																																																																																																																																																																																																						
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R17(1)	MBC2	C7	68Ω	-MBX2 CHAN WR CYC H																																																																																																																																																																																																																																																																																																																																																																																																																											
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NOTE: 1. ALL TERMINATORS HAVE PIN TWO CONNECTED TO -2.0V AND ARE 5% 1/4WATT UNLESS OTHERWISE SPECIFIED 2. ENTRIES ARE SORTED BY SIGNAL NAME 3. % INDICATES OUTPUT OF DIP LOC AND (>) INDICATES PIN NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																															
THIS DRAWING AND SPECIFICATIONS ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1984, DIGITAL EQUIPMENT CORPORATION <table><tr><td colspan="2">REVISIONS</td><td colspan="2">DATE</td><td colspan="2">ENG.</td><td colspan="2">DATE</td><td colspan="2">TITLE</td></tr><tr><td>CHK</td><td>CHANGE NO.</td><td>REV</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> digital CHK'D D. DELLORCO DATE 06-AUG-84 XTRA:MCA25.M8531.M8572.DRW 123-JUL-84 14:33 FIRST USED ON OPTION/MODEL: MCA25 DATE 06-AUG-84 C. A. JENS DATE 06-AUG-84 BOARD LOCATION: 4AF22 SHEET 2 OF 2 NEXT HIGHER ASSEMBLY: D-DD-M857-0 SIZE CODE D CS NUMBER M857-0-RES REV. A MRO 1								REVISIONS		DATE		ENG.		DATE		TITLE		CHK	CHANGE NO.	REV																																																																																																																																																																																																																																																																																																																																																																																																											
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